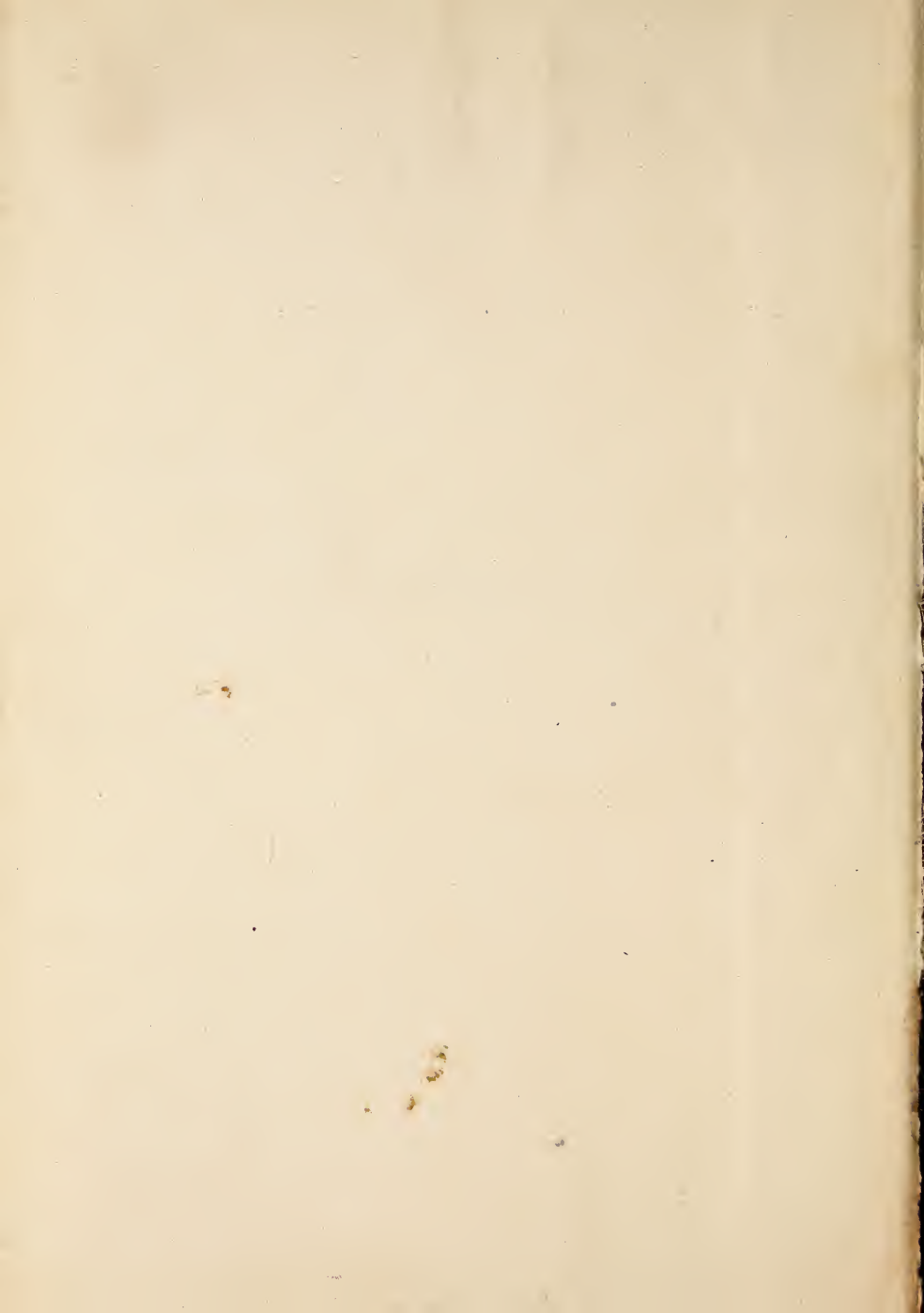


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1907/08

SECRETARY'S REPORT

1907 - 08



UNIVERSITY OF ILLINOIS

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PRESIDENT'S OFFICE.

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**The Report of the Secretary to the  
Regents of the University of  
California for the Year Ending  
June 30, 1908.**

UNIVERSITY OF ILLINOIS

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PRESIDENT'S OFFICE.

BERKELEY  
THE UNIVERSITY PRESS  
1908



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## REPORT OF THE SECRETARY TO THE REGENTS.

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UNIVERSITY OF CALIFORNIA,  
BERKELEY, October 30, 1908.

*To the Honorable Board of Regents of the University of California:*

GENTLEMEN: I have the honor of presenting the Secretary's Report for the University year ending June 30, 1908.

The income for 1907-08 available for current use for general educational, administrative, and scientific work at Berkeley was \$720,050.19. Including the income for the professional schools and the University Hospital, for Anthropology, for the Wilmerding Trades School, for the Lick Observatory, and for the economic work of the Department of Agriculture, the income available for current use was \$887,823.15.

The total receipts for the year, including moneys intended for building operations and including additions to the endowment, were \$1,427,283.03. Of this total of \$1,427,283.03, the receipts available for immediate use amounted to \$1,182,419.58 (this is after excluding endowment moneys). Of this total, 4.56 per cent. was received from the United States, 55.68 per cent. from the State of California, 18.67 per cent. from the income on University endowments, 6.26 per cent. from private gift,\* 5.48 per cent. from amounts paid by the students as laboratory fees, etc., and 9.35 per cent. from miscellaneous sources.

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\* NOTE.—Of the total receipts for the year, including endowment moneys, 22.34 per cent. came from private gifts.

The expenditures for 1907-08 were \$1,058,553.78. Of this total, \$702,521.95, or 66.37 per cent., was spent for general educational and scientific work; \$232,102.38, or 21.92 per cent., was spent for the library and for general administrative purposes; and \$123,929.45, or 11.71 per cent., on permanent improvements.

The salaries for educational, administrative, and scientific positions amounted to \$512,991.09, which represents 54.89 per cent. of the total current expenditure other than on permanent improvements.

Of this amount expended in salaries, \$70,551.06, or 13.75 per cent., was for administrative salaries, including the library, and \$442,440.03, or 86.25 per cent., for educational and scientific salaries. This total expenditure of \$442,440.03 for educational and scientific salaries was 49.83 per cent. of the amount available for current University expenses.

The endowment of the University on June 30, 1908, was \$4,121,805.50, and the rate of income for the year on the Endowment Pool, in which are merged, for investment purposes, all endowments the terms of which permit, was 5.2362 per cent.

The property of the University was valued on its books on June 30, 1908, at \$10,178,334.60. Of this total, \$3,880,338.03 represents investments; \$4,583,190.23, lands and buildings for educational purposes; and \$1,481,275.97, equipment.

The student enrollment for 1907-08 was 3857. Of these students, 2592 were undergraduates, 324 were graduate students, 389 were students in medicine, dentistry, pharmacy, law and art, and 552 were students in the Summer Session.

The teaching and administrative force numbered 281 persons. Of these, 195 ranged in rank from professor to instructor and were engaged in service at Berkeley or at the Lick Observatory, while 86 men of the same grade were



engaged in instruction in San Francisco in medicine, dentistry, pharmacy, or law.

A most notable event of the year was the completion of the Phoebe A. Hearst Architectural Plan for the University and its formal adoption by the Board. The plan represents twelve years of work, is the fruit of the toils of the Hearst Trustees, of the one hundred and five architects who joined in the original international competition, of M. Henri Jean Emile Bénard, the winner of the Hearst competition, and of Professor John Galen Howard, to whom, as Supervising Architect for the past five years, fell the task of the development of the plan to a complete and practicable adaptation to the needs of the University. The plan represents an expenditure by Mrs. Hearst of approximately two hundred thousand dollars.

Upon the development of the Hearst Plan and its execution there has been already a total expenditure of \$1,165,275. The prospective payments for the work in progress on the University Library, \$650,000 being available, from Mr. Doe's bequest, for immediate expenditure upon that building, and the expenditure of the \$150,000 now available for the erection of Boalt Hall of Law, bring the amount already spent or now in process of being spent upon the Hearst Plan to a total of \$1,965,275.

The Hearst Plan, as now developed, has for its chief axis the little valley which runs westward across the campus, from the hills right toward the Golden Gate. This is kept in the Plan as a garden, with roads and paths on either side, and with the chief buildings of the composition rising on the low bluffs on either hand.

It is proposed in the Hearst Plan that the frontier between the University and the town shall be marked by the dormitories, along Allston way, Oxford street, and Hearst avenue, from the region of Stiles Hall around to Arch street, on the north side of the campus. It is proposed that each

of the dormitories should be distinctive in type, possessed of a personal character of its own.

The chief western entrances are shown at Center street and at University avenue, with driveways swinging in from each in broad curves, the two coming together just north of the eucalyptus grove which towers west of the present cinder track. On the low hill just above this is shown the commons or student dining-hall, with a splendid outlook westward toward the bay and the Golden Gate, and just beyond it, toward the north, space is reserved for the Armory.

With the commons and the armory begins the more formal composition. Passing beyond the commons, the axis roadways divide so as to enclose a broad oval of cañon and garden. Fronting upon this oval upon the south, the Hearst Plan places the buildings dedicated to Zoology and to the sciences preparatory to Medicine, such as Physiology, Pathology, Hygiene and Bacteriology, and Anatomy. Upon the left is shown the Agricultural group, ample space being reserved for future expansion of the accommodations for this and allied subjects.

Proceeding eastward, the axis leads to the library and museum group, with buildings for History and Economics, Languages, Philosophy, and Law, and California Hall, the administrative building, grouped about the great university library, now being erected from Mr. Doe's bequest, while the museum of art and anthropology is to be flanked by the buildings for architecture and fine arts and for civil engineering. Beyond, on the north, the engineering group is continued, including the Hearst Memorial Mining Building, and buildings for physics and chemistry are shown on the south. The Hillegass Tract is shown as devoted to athletics, with the men's gymnasium and the women's gymnasium shown west and east, respectively, of California Field.

Besides meeting the expense of the Hearst Plan, during

the year Mrs. Hearst completed her noble gift to the University of the Hearst Memorial Mining Building, finished at a total cost of \$644,000, and equipped by Mrs. Hearst. During the year Mrs. Hearst provided also \$20,000 for the support for 1907-08 of the Department of Anthropology, for the promotion of its researches, for its scientific publications, and for the maintenance and enlargement of the anthropological and archaeological collections, now representing a total expenditure of over \$500,000; she provided \$2400 for the support of the Phoebe Apperson Hearst Scholarships; she gave to Director Campbell, for the use of the Lick Observatory, a White Steamer motor car. In many other ways she aided abundantly in the development of the work of the University.

Among other notable benefactions of the year were the offer of Miss Annie M. Alexander of \$7000 a year for seven years for the assembling of the California Museum of Vertebrate Zoology, an undertaking of much scientific significance and promising the greatest usefulness to students and investigators in the field of biology; the gift of Levi Strauss & Company of \$3500 for the maintenance of the Levi Strauss scholarships for 1907-08; the provision of \$4500 by Mr. William H. Crocker for the Crocker Eclipse Expedition from the Lick Observatory to Flint Island; the gift of Mr. D. O. Mills of \$8000 for the continuation of the work of the Mills Expedition from the Lick Observatory to the Southern Hemisphere, and the subscribing of \$50,000 by various members of the California bar, in response to an appeal made in behalf of the Department of Jurisprudence by Mr. George H. Boke, Professor of Law in the University of California, this \$50,000 to be added to the \$100,000 already provided by the benefaction of Mrs. Boalt for the erection of the Boalt Hall of Law, its furnishing, and the construction and equipment in the building of Lawyers' Memorial Hall as the law library and law reading room of the University.

A notable development of the year was the completion of the organization of the University Hospital as a part of the equipment of the Medical Department. Now that the first two years of medical instruction are at Berkeley, the Medical Building at the Affiliated Colleges in San Francisco has been equipped, through the generosity of various friends of the University, as a modern hospital, with a capacity at present of eighty beds. This has proved an invaluable part of the opportunities for medical instruction and research now provided by the University.

The most vital present need of the University is an Agricultural Building, to cost approximately \$300,000, to provide quarters for the highly diversified activities in research, in economic investigation, in agricultural extension, and in teaching of a staff of forty persons, and to provide for the needs of the agricultural students. The individual students enrolled for agricultural instruction at Berkeley in 1907-08 numbered 132.

Among other vital needs are:

A general class-room building, to replace North Hall, \$300,000.

A permanent Infirmary, \$150,000.

An Auditorium, \$1,000,000.

A Museum of Art, Archaeology, and Anthropology, \$1,000,000, to hold the immense collections already accumulated for the University by Mrs. Hearst at a cost of over \$500,000.

A Botany Building, \$250,000.

A Museum of Zoology and Zoological Laboratory, \$250,000.

A number of dormitories, to cost from \$100,000 to \$200,000 each.

Further equipment for the University Farm.

Several concrete foot-bridges at \$1000 to \$2500 each, and several concrete wagon bridges ranging in cost from \$4000 up.

An addition to the Chemistry Building, \$150,000.

An adequate water supply system for the University.

Steel bookstacks, and furnishings and equipment, for the new University library, \$210,000.

Completion of the fireproof vault at the Lick Observatory, \$10,000.

Additional equipment for the Lick Observatory, \$10,000.

An organ to be placed in the Harmon Gymnasium, \$20,000.

Twenty fellowships, to be endowed to the amount of \$10,000 each, and a number of scholarships, to be endowed to the amount of \$5000 each.

Loan funds to be held as an endowment and the income to be loaned to needy and deserving students.

Endowments for professorships, \$75,000 to \$100,000 each.

Endowments for the University Library.

Respectfully submitted,

VICTOR H. HENDERSON



## REGENTS OF THE UNIVERSITY.

### REGENTS EX OFFICIO.

HIS EXCELLENCY JAMES NORRIS GILLET	- - -	Sacramento
<i>Governor and President of the Regents ex officio.</i>		
HIS HONOR WARREN REYNOLDS PORTER	- - -	Watsonville
<i>Lieutenant-Governor.</i>		
HON. ROBERT LEWIS BEARDSLEE	- - -	Stockton
<i>Speaker of the Assembly.</i>		
HON. EDWARD HYATT	- - -	Sacramento
<i>State Superintendent of Public Instruction.</i>		
HON. BENJAMIN FRANKLIN RUSH	- - -	Suisun
<i>President of the State Board of Agriculture.</i>		
RUDOLPH JULIUS TAUSSIG, Esq.	3134 Sixteenth street, San Francisco	
<i>President of the Mechanics' Institute.</i>		
BENJAMIN IDE WHEELER, Ph.D., LL.D.,	1820 Scenic avenue, Berkeley	
<i>President of the University.</i>		

### APPOINTED REGENTS.

The names are arranged in the order of original accession to the Board.

	*Terms Expire
ISAIAS WILLIAM HELLMAN, Esq.	1918
Wells, Fargo-Nevada National Bank, San Francisco.	
CHESTER ROWELL, M.D.	1910
Fresno.	
CHARLES WILLIAM SLACK, Ph.B., LL.B.	1910
Kohl Building, San Francisco.	
JACOB BERT REINSTEIN, M.A.	1912
Mills Building, San Francisco.	

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\* The term of the appointed Regents is sixteen years, and terms expire March 1.

# *The Regents.*

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JOHN ELIOT BUDD, A.B.	- - - - -	1916
Stockton.		
MRS. PHOEBE APPERSON HEARST	- - - - -	1914
707 West Coast Life Bldg., Pine and Leidesdorff sts., San Francisco. Pleasanton.		
ARTHUR WILLIAM FOSTER, Esq.	- - - - -	1916
1210 James Flood Building, San Francisco.		
GARRET WILLIAM McENERNEY, Esq.	- - - - -	1920
1277 James Flood Building, San Francisco.		
GUY CHAFFEE EARL, A.B.	- - - - -	1918
608 Crocker Building, San Francisco.		
JAMES WILFRED MCKINLEY, B.S.	- - - - -	1922
254 South Broadway, Los Angeles.		
REV. PETER CHRISTOPHER YORKE, S.T.D.	- - - - -	1912
1267 Sixteenth avenue, Oakland.		
JOHN ALEXANDER BRITTON, Esq.	- - - - -	1914
925 Franklin street, San Francisco.		
FREDERICK WILLIAM DOHRMANN, Esq.	- - - - -	1920
201 Geary street, San Francisco.		
HON. THOMAS ROBERT BARD	- - - - -	1922
Hueneme.		
FRANK SPAULDING JOHNSON, Esq.	- - - - -	1924
213 Sansome street, San Francisco.		
WILLIAM HENRY CROCKER, Ph.B.	- - - - -	1924
Crocker National Bank, San Francisco.		

## OFFICERS OF THE REGENTS.

HIS EXCELLENCY JAMES NORRIS GILLET	- - - -	Sacramento
<i>President.</i>		
VICTOR HENDRICKS HENDERSON, B.L.	- 2345 Telegraph avenue, Berkeley	
<i>Acting Secretary and Land Agent.</i>		
ISAIAS WILLIAM HELLMAN, Jr., Ph.B.,	Union Trust Company, San Francisco	
<i>Treasurer.</i>		
CHARLES EDWARD SNOOK, - - - - -	- 906 Broadway, Oakland	
<i>Counsel to June 11, 1908.</i>		
FLETCHER A. CUTLER, Esq. - - - - -	506 Crocker Building, San Francisco	
<i>Counsel from June 11, 1908.</i>		

## 12 *University of California—Report of the Secretary.*

### STANDING COMMITTEES OF THE REGENTS FOR 1907-08.

*Agriculture and Agricultural Experiment Stations:* Regents BUDD (chairman), FOSTER (vice-chairman), and ROWELL.

*Colleges of Medicine and Dentistry:* Regents BRITTON (chairman). REINSTEIN (vice-chairman), and BARD.

*Equipment and Supplies:* Regents EARL (chairman), MEAD (vice-chairman to March 10, 1908), TAUSSIG (vice-chairman from April 14, 1908), and ELLINWOOD.

*Finance:* Regents FOSTER (chairman), EARL (vice-chairman), HELLMAN, BRITTON, and DOHRMANN.

*Flood Endowment:* Regents SLACK (chairman), McENERNEY (vice-chairman), and BEARDSLEE.

*Grounds and Buildings:* Regents BRITTON (chairman), DOHRMANN (vice-chairman), REINSTEIN, SLACK, EARL, and HEARST (from January 14, 1908).

*Library and Museum:* Regents McENERNEY (chairman), ELLINWOOD (to May 12, 1908), HYATT, and HEARST (from January 14, 1908).

*Lick Observatory:* Regents SLACK (chairman), YORKE (vice-chairman), and PORTER.

*Wilmerding School:* Regents EARL (chairman), MEAD (vice-chairman to March 10, 1908), TAUSSIG (vice-chairman from April 14, 1908), and BUDD.

The Governor of California, as President of the Board, and the President of the University are members ex-officio of all committees of the Board.

### SPECIAL COMMITTEES OF THE BOARD.

*To Nominate Standing Committees for 1908-09:* Regents FOSTER, BRITTON, and SLACK. [Appointed April 14, 1908.]



## ORDERS OF THE BOARD.

### Approval of the Phoebe A. Hearst Permanent Plan.

The Finance Committee, on May 12, 1908, reported to the Board as follows:

We concur with the Committee on Grounds and Buildings in recommending that the Phoebe A. Hearst Permanent Plan in its present form be approved by the Board and adopted as the official plan and as the basis for future building operations and landscape gardening on the campus.

The report of the Finance Committee was adopted.

### Time of Board Meetings.

On May 12 Article 26 of the Standing Orders of the Board was amended to read as follows:

The regular meetings of the Board shall be held on the second Tuesday of each month, *except May and July*, and on the day preceding Commencement Day in May of each year at such place as may be determined by the Board of Regents from time to time.

(The change was the addition of the words: "except May and July.")

### Committees.

Standing order 36 on June 9 was amended to read as follows:

36.—There shall be the following standing committees:

On Finance,	}	each consisting of six appointed members.
On Grounds and Buildings,		
On Equipment and Supplies,	}	Each consisting of three appointed members.
On Agriculture and Experiment Stations,		
On Flood Endowment,		
On Wilmerding School,		
On the Colleges of Medicine and Dentistry,	}	each consisting of four appointed members.
On Lick Observatory,		
On Library and Museum.		

## 14 *University of California—Report of the Secretary.*

### **Officers of Committees.**

On June 9 standing order 38 was amended to read as follows:

38.—The Board, at its regular meeting in May in each year, shall nominate the members of the several standing committees and shall recommend them to the President of the Board for his confirmation. Vacancies shall be filled through nomination by the Board, subject to confirmation by the President of the Board. The member whose name appears first in order on the list of a standing committee, as confirmed by the President of the Board, shall be the chairman of the committee. The member whose name appears second in order on the list of a standing committee, as confirmed by the President of the Board, shall be the vice-chairman of the committee.

### **Quorum of a Committee.**

Standing order 45 on June 9 was amended to read:

45.—A number equivalent to a majority of the appointed members of any committee, regular or special, shall constitute a quorum of such committee; provided, however, that if a committee consists of six members, three shall constitute a quorum, and that if a committee consists of four members, two shall constitute a quorum.

### **To Sign for the President.**

On April 14 the Board authorized Regent Earl to sign documents requiring the signature of the President of the University during his absence or inability to act, provided that Regent Britton should at the time also be absent or unable to act.

### **Appointment of Deans.**

On May 12 the following new standing order was adopted by the Board:

171a. Deans for all the colleges of the University, except as otherwise provided by law, a Dean for the Graduate Department, and an Advisor for the two lower classes, shall be appointed by the Board in the same manner as professors and other teachers, with such duties and compensation in each particular case as may be assigned from time to time by the President of the University. The same person may serve as the Dean of more than one college.

**Vaccination.**

On May 12 a letter was presented to the Board from Dr. Woodson Allen, making complaint that his son, Warren B. Allen, a student of the University, had been unjustly treated in the matter of vaccination requirements, and asking that an investigation be made by the Board.

It was voted by the Board that the action of the President of the University and his associates be ratified and approved.

**Control of Health and Sanitation.**

On June 9 the Board adopted the following new Standing Order:

The President shall have control of matters of health and sanitation in the University.

**Sale of Duplicate Books.**

On October 8 the Board authorized the Library Committee of the Graduate Council, subject to the approval of the President of the University, to direct the Librarian to sell duplicate books, engravings, or other library material not required for the use of the library, and that the receipts therefrom shall be immediately appropriated to the budget of the library for the purchase of books, engravings, or other library material.

**Heat for the Faculty Club and Senior Hall.**

On March 10 the action of the Finance Committee was approved in directing that heat be supplied to the Faculty Club and to Senior Hall at the cost of the University.

**Forfeiture of Students' Deposits.**

On June 9, Standing Order 183, as follows, was repealed:

The Secretary shall require all students who may be indebted to the University or who have made deposits for any purpose, to make settlement before Commencement Day of the year following graduation. In case of their failure to make such settlement, all their deposits shall be forfeited to the University.

**Fee for Summer School of Surveying.**

On February 11 the fee for the Summer School of Surveying was fixed at \$15.

**Fee for Substitution of Courses.**

On May 12 the Board approved the following:

A fee of one dollar per course will be charged to students for adding to, or substituting any course or courses on, their study cards at any time later than fourteen days after registration, provided that such addition or substitution be not due to the action of the Academic Council or of any instructor nor to other circumstances that the student could not have foreseen.

**Building Appropriations.**

Building appropriations made during the year were as follows:

Name of Building	Date	Amount	Account to which Chargeable
Fertilizer Control Laboratory	Nov. 12, '07	\$7,500	Fertilizer Control
Architectural Building Addition	Jan. 14, '08	6,000	Permanent Improvement Fund.
Temporary Museum Building	Jan. 14, '08	7,000	Permanent Improvement Fund.
(Subsequently, by Miss Alexander's gift of \$7000 toward the building, it was made possible to provide a museum at a cost of \$14,000.)			
Concrete Bridge	Feb. 11, '08	4,000	Permanent Improvement Fund.
Hygiene and Pathology Building	Feb. 11, '08	10,000	Permanent Improvement Fund.
(Appropriation increased April 14, 1908, to \$15,000.)			
Further Work on the President's House	Feb. 11, '08	10,000	Permanent Improvement Fund.
Lecture or Zoology Building	Feb. 11, '08	15,000	Permanent Improvement Fund.
(Appropriation subsequently revoked by the Board.)			
Annex to Student Infirmary	Apr. 14, '08	8,000	Permanent Improvement Fund.

During the year contracts were approved by the Board as follows:

Name of Building	Account to which Chargeable	Contractor	Contract Price
<i>University Library :</i>			
Excavations and Foundations	Doe Bequest	Contra Costa Construction Co.	\$37,570.69
Structural Steel	Doe Bequest	American Bridge Company	54,311.00
Erection of Steel Frame	Doe Bequest	C. A. Blume Construction Co.	10,990.00
Granite	Doe Bequest	Raymond Granite Company	194,000.00
Concrete Wall-backing	Doe Bequest	Couchot & Thurston	23,987.00
Concrete Fire-proofing	Doe Bequest	Contra Costa Construction Co.	44,882.00
<i>University Farm :</i>			
Dairy Barn	State Appropriation for the University Farm.	Ramsden-Blake Company	\$365,740.69
Seed House	State Appropriation for the University Farm.	E. W. Doughty	2,329.00
Work Shop	State Appropriation for the University Farm.	E. W. Doughty	2,527.00
Dormitory	State Appropriation for the University Farm.	E. W. Doughty	28,140.00
Sanitary and Water System	State Appropriation for the University Farm.	Ramsden-Blake Company	15,779.00
Fertilizer Control Laboratory	Fertilizer Control	Kidder & McCullough	\$66,322.00
Infirmary Annex	Permanent Improvement Fund	Beetham & Hinds	5,859.10
Architectural Building Addition	Permanent Improvement Fund	Kidder & McCullough	6,596.00
Improvement of Hearst avenue	State Appropriation for Hearst Ave. Improvement.	Blake & Bilger Company	4,054.05
Photographic Vault for Lick Observatory	State Appropriation for Photographic Vault for Lick Observatory.	Couchot & Thurston	2,859.40
			9,234.00



**Permanent Improvement Fund for 1908-09.**

The Permanent Improvement Fund for 1908-09 was assigned to the following uses:

Bancroft Library (fourth installment of the total purchase price of \$150,000).....	\$25,000
Architectural Building Addition.....	6,000
Museum of Vertebrate Zoology.....	7,000
Hygiene and Pathology Building.....	10,000
President's House (further work).....	10,000
Cement Sidewalks .....	2,000
New Roads .....	3,000
Bridge over Strawberry Creek.....	4,000
Extension of light, power, and heat system.....	5,000
Zoology or lecture building.....	15,000
	<hr/>
	\$87,000

**Tennis Courts.**

The Committee on Grounds and Buildings was given power on February 11, 1908, to authorize the execution of contracts for tennis courts, the grading for the tennis courts, and for a practice baseball field, the grading to be a charge against the Permanent Improvement Fund, and the expense of the construction of the courts to be a charge against the Students' Gymnasium Fee account.

**Cost of Wiring for the Affiliated Colleges.**

On August 13 the Board directed that the cost of wiring for the Affiliated Colleges be charged to the Affiliated College repair fund, and the excess of the total cost over the state appropriation and other special funds available be charged to the General Fund, the amount being kept as a suspense account.

**Library Bids.**

The bids obtained in September, 1907, for the steel work, granite, and the concrete wall-backing for the new university library on September 10, 1907, were rejected by the Board and bids readvertised for in May, 1908, a saving of over \$100,000 resulting from such delay and such readvertising for bids.

**Customs Bonds.**

The following resolution was adopted by the Board on November 12:

*Resolved*, That Victor H. Henderson, during such time as he may serve as Acting Secretary of the Regents of the University of California, be and he is hereby authorized and directed, in the name and on behalf of the Regents of the University of California, to execute all bonds and other papers required by law or by any regulation of the United States Treasury Department or by the United States Customs officials, for or in connection with the importation for or on account of the University of California or any department thereof, of any goods or property whatsoever from any foreign country, and that said Victor H. Henderson, as such Acting Secretary, be and he is hereby authorized to affix or impress upon such bonds and papers the corporate seal of the University of California.

**Resolution Concerning American Bonding Co.**

On recommendation of the Finance Committee, the Board, on December 10, adopted the following resolution:

WHEREAS, the American Bonding Company has executed a bond for V. H. Henderson as Acting Secretary of the Board of Regents of the University of California, in the sum of \$30,000, under date of November 12, 1907, therefore be it

*Resolved*, that the Regents of the University of California hereby absolve the American Bonding Company from all responsibility for any of the acts of said V. H. Henderson as such Acting Secretary after November 12, 1907, under the bond for \$10,000 given by said American Bonding Company for said V. H. Henderson on December 16, 1906. This resolution, however, not to affect any claim of the Regents of the University of California against the American Bonding Company for any acts of said V. H. Henderson as such Acting Secretary committed prior to November 12, 1907.

**Approval of Treasurer's Bonds.**

On March 10 the bonds of the Treasurer of the University were approved as follows:

Date	Name	Amount	Expiration
Feb. 4, 1903	National Surety Co.	\$25,000	Continuous
Feb. 4, 1903	Fidelity & Deposit Co. of Md.	50,000	Continuous
Sept. 4, 1905	Fidelity & Deposit Co. of Md.	25,000	Continuous
Feb. 4, 1903	I. W. Hellman, Sr.	100,000	Continuous

**Bond to the United States for Ordnance Stores.**

On June 9 the President and Secretary of the Board were authorized to sign for the Regents a bond in the sum of \$6,032.00, in favor of the United States of America, for the issuance of arms to the Regents of the University of California.

**Vote of Thanks to Professor Merrill.**

On March 10 the Board extended to Professor W. A. Merrill a vote of thanks for his revision of the Regents' Manual.

**Vote of Thanks to Professor Plehn.**

On November 12 a vote of thanks was extended by the Board to Professor Carl C. Plehn for his eminent services to the University while Acting Secretary.

**Prof. Soulé Professor Emeritus.**

On April 14 the President of the University reported on the question of the retirement of Professor Frank Soulé, Dean of the College of Civil Engineering, and recommended that in view of Professor Soulé's thirty-nine years of service to the University, his request that his name be placed upon the budget as Professor Emeritus of Civil Engineering at two-thirds pay be granted.

The recommendation of the President was concurred in.

**Office of Attorney of the Board.**

On June 9, by vote of the Board, the office of Attorney of the Regents was declared vacant. Mr. Fletcher A. Cutler was then elected Attorney of the Board.

The Board voted "to express to Attorney Snook its appreciation of his loyalty and ability."

**Professor Fryer a Special Commissioner.**

On June 9 Dr. John Fryer, Agassiz Professor of Oriental Languages in the University, was authorized to represent



the University of California during his leave of absence in the Orient, from June 9 until his return to the University in August, 1909, as Special Commissioner from the University of California for the Investigation of Educational Conditions in the Far East.

**Income of the Jucksch Property to be used as a Book Fund.**

On December 10 the Board directed that the property bequeathed to the Regents by Mary Jucksch be held as a separate endowment, and that the income of the Jucksch Fund be used for the purchase of books for some particular department to be designated by the President of the University. The President later designated American history.

**Musical and Dramatic Moneys.**

On August 13 the Board authorized the Musical and Dramatic Committee of the Faculty, whenever by virtue of a contract with any dramatic or musical company or performers any portion or percentage of the sale of tickets or gate receipts belongs to the parties to the contract other than the University, to pay such proportion or percentage of the funds collected to the performers at the close of the performance, or as soon thereafter as the amount of such share, proportion, or percentage shall be ascertained, and to turn the balance, or the University's share, into the Secretary's Office, provided that the committee shall furnish proper voucher receipts for all such contract payments.

**Infirmary Open for Summer Session Students.**

On August 13 the Finance Committee of the Regents reported that owing to the wide publication of the fee for the Summer Session of 1907 at the rate of \$12, prior to the action of the Regents establishing the same at \$14, the additional \$2 could not be collected, and that there was therefore no fund available for the support of the Infirmary;

that the Infirmary was accordingly opened to Summer Session students, subject to hospital charges to be fixed by the Medical Advisor.

The report of the committee was approved.

**Rent of House Occupied by the President.**

On September 10 the recommendation of the Finance Committee was approved that the University pay rent for the house belonging to Frank M. Wilson, and occupied by the President, at the rate of \$100 per month from September 1, 1907, with the understanding that the landlord will make repairs amounting to \$300, the University to make repairs not to exceed \$100.

**Lease of Piedmont Avenue House.**

On June 9 the President and Secretary of the Board were authorized to execute a lease with B. F. Brooks for the house and lot on Piedmont avenue for two years from August 1, 1908, at a monthly rental of eighty (\$80) dollars.

**Class of 1905 Fund Loaned to the Order of the Golden Bear.**

It having been reported, on December 10, that the class of 1905 had deposited with the University the sum of \$500, to be known as the Class of 1905 Fund, and that the class had indicated that it desired this amount to be loaned to the Order of the Golden Bear for the purpose of installing a heating plant in Senior Hall, the Board voted that this loan be made, upon request of the parties who deposited the money, and upon the understanding that neither the University nor the Board of Regents assume any responsibility in the matter.

**Men's Dormitory Funds.**

The Board voted on March 10 that the Men's Dormitory Committee of the students be informed that the Regents are willing to act as depositary for such funds as may be raised for the erection of a men's dormitory on the campus.

**Scientific Publications of the University.****EXPENDITURES ON PUBLICATIONS, 1906-08.**

American Archaeology and Ethnology.....	\$4,494.48
Botany .....	1,223.25
University of California Chronicle.....	1,613.00
Classical Philology .....	416.16
Economics .....	1,962.95
Education .....	1,004.87
Engineering .....	57.20
Geology .....	1,381.09
Lick Observatory Bulletin .....	350.00
Pathology .....	407.50
Physiology .....	266.30
Semitic Philology .....	408.85
Zoology .....	1,963.82
Memoir Series .....	5.75
Miscellaneous Printing and Binding.....	604.12
Office Supplies and Equipment.....	462.07
Postage .....	1,288.50
Express, Freight, etc.....	210.35
Duty on Egyptian Archaeology Volumes .....	212.00
Other Miscellaneous Items.....	110.00
	<hr/>
	\$18,442.26
Balance 1907-1908 unexpended.....	234.38
	<hr/>
	\$18,676.64

Publications Budgets 1906-1908.....	\$9,977.86
Charged to Anthropology Department.....	4,494.48
Charged to Flood Endowment Interest.....	1,962.95
Charged to Lick Observatory, printing.....	350.00
Charged to Lick Observatory, postage.....	62.61
Charged to University and Alumni Association .....	1,613.00
Charged to Receipts from Miss Shinn's Pamphlet .....	215.74
	<hr/>
	\$18,676.64

## SALES OF PUBLICATIONS, 1906-08.

American Archaeology and Ethnology.....	\$179.09
Botany .....	44.40
Chronicle, University.....	278.27
Classical Philology .....	12.72
Economics .....	24.00
Education .....	110.10
Egyptian Archaeology .....	24.00
Engineering .....	7.04
Geology .....	470.61
Graeco-Roman Archaeology .....	40.12
Pathology .....	100.85
Philosophy .....	12.61
Physiology .....	79.67
Zoology .....	51.45
Semitic Philology .....	1.95
English in Secondary Schools.....	105.73
Announcement of Courses.....	446.12
Officers and Students List.....	216.20
Outlines of Courses.....	294.59
Zoe .....	20.32
Envelopes .....	5.88
Miscellaneous .....	8.81
University Calendar .....	71.80
	<hr/>
	\$2,329.06

NOTE.—In addition to cash receipts from the sale of publications, as detailed above, should be considered the value to the University Library of the system of exchanges of publications. A careful computation of the value of about one-ninth of the publications so received in 1907 is basis for an estimate that the annual value of the exchanges is between eight and nine thousand dollars, or from sixteen to eighteen thousand dollars for the two years 1906-08.

**Authority Granted Finance Committee to Make Collateral Loans.**

On February 11, authority was granted to the Finance Committee to make such loans as they deem proper upon collateral security, during the year 1908.

**Exhibit at the Seattle Exposition.**

On April 14 the Board directed that the transparencies prepared for the St. Louis Exposition be placed at the dis-

posal of the California Commission for the Seattle Exposition, provided that the Commission will pay all the expenses of transportation, installation, exhibition, and return.

**Erection of Building on Sacramento Building Site.**

On March 10 the Board authorized the Finance Committee to act in the matter of the erection and leasing of a building on the site of the former Sacramento Building, being lots 296, 297, and 306 of the Original Beach and Water Lot Survey of the City and County of San Francisco, and the President and Secretary of the Board were authorized to execute the contracts and leases for such building, upon written approval of the Finance Committee.

**Authorization for New Building on Johnson Building Site.**

On June 9 the Board authorized the Finance Committee to act in the matter of the erection of a building on the site of the former Johnson Building, being portion of original fifty-vara lots known and designated on the official map of the City and County of San Francisco as numbers 258, 259, 260, and 261. The President and Secretary of the Board were authorized to execute contracts for the construction of such a building, upon written approval of the Finance Committee.

The Finance Committee was authorized to make leases for such a building or parts thereof, and the President and Secretary of the Board were authorized to execute said leases, upon approval of the Finance Committee.

**Waiver of Claim to one Inch of Johnson Building Site.**

The Board, on April 14, adopted the following resolution:

*Resolved*, That the Attorney of the Regents of the University of California be and he is hereby authorized, in his discretion, to stipulate with the owners of real property adjoining on the east the Johnson Building site located on Sutter street in the City and County of San Francisco, that the Regents of the University of California may in the action commenced in the Superior Court of the City and



County of San Francisco, and entitled: "The Regents of the University of California, a corporation, *vs.* All Persons Claiming, etc.," and numbered 2482, take a decree for a frontage on Sutter street of 104 feet  $4\frac{1}{2}$  inches, instead of 104 feet,  $5\frac{1}{2}$  inches as prayed for in said action.

**Portion of Dargie Building Leased.**

On August 13 the Board authorized and empowered the Acting Secretary to sign, in behalf of the Board, the mortgagee's consent to the lease to W. E. Dargie of a portion of his property at Eighth and Franklin streets, Oakland, for the purpose of a post-office.

**Removal of Fence and Row of Trees on Flood Property.**

On August 13, on account of the granting of the right-of-way to the Southern Pacific Company across the Flood property at Menlo Park, authority was given to remove the fence and row of trees dividing the larger field into two parts and to use the good material from the fence to repair the other fences surrounding the property.

**Lease to Henry Nelson.**

On September 10 the President and Secretary were authorized to execute a lease on behalf of the Regents to Mr. Henry Nelson for a portion of the Flood property in San Mateo County.

**Flood Endowment Income Account Increased.**

On March 10 the Board voted to add to the principal of the Flood Endowment such balance as might be on hand on June 30, 1908.

**Sale of the Sather Property in Alameda.**

On November 12 the Board authorized its President and Secretary to execute a deed to F. N. Dodd, for the net sum of \$12,125, of the following described property given to the University of California by Mrs. Jane K. Sather:

Commencing at a point on the easterly line of Park street (such eastern line being that shown on the map hereinafter referred to)

distant thereon fifty (50) feet southerly from the southern line of Webb avenue; running thence easterly parallel with Webb avenue ninety-nine (99) feet eight (8) inches; thence southerly fifty (50) feet to a point on a line parallel with Webb avenue distant one hundred (100) feet easterly from the said eastern line of Park street; thence westerly parallel with Webb avenue one hundred (100) feet to the said eastern line of Park street; and thence northerly along the last-named line fifty (50) feet to the place of beginning; being lot number one (1) in Block marked "A" as the same is delineated and so designated on the map entitled "Alameda Station Homestead Tract," filed on March 14, 1868, in the County Recorder's office of said County of Alameda.

**Sather Property in Ashland Sold.**

On October 8, 1907, the Board voted to sell the real estate in Ashland, Oregon, given to the University by Mrs. Sather as a part of the Sather Endowment, to H. G. Enders at a net price of \$3355.

**Finance Committee Authorized to Sell Lots in Broadway Terrace.**

On March 10 the Finance Committee was authorized to sell lots in the Broadway Terrace Tract at prices to be fixed by the committee, and the President and Secretary of the Board were authorized to execute deeds for the conveyance of lots so sold, upon written approval of the Finance Committee.

**Finance Committee Authorized to Lease Broadway Terrace Lots.**

On March 10 the Board authorized the Finance Committee to lease lots in the Broadway Terrace Tract on terms to be approved by the Finance Committee.

**Sale of Lot in Broadway Terrace Tract.**

On March 10 the Board authorized the Finance Committee to sell lot 19, block G in the Broadway Terrace Tract to S. H. and Pearl A. Johnson for \$375, and the President and Secretary of the Board were authorized to execute the deed.

**Sale to Hanoria Lawlor of Broadway Terrace Lots.**

On June 9 the Board confirmed the action of the President and Secretary of the Board in executing a contract of sale with Hanoria Lawlor for Lots 28, 36, 37, and 38, in Block "J" of the Broadway Terracé Tract, at a contract price of fifteen hundred and fifteen (\$1515) dollars, the terms of sale being as follows: five hundred (\$500) dollars upon the execution of the contract, and one thousand and fifteen (\$1015) dollars on or before the first day of May, 1909, with interest at seven (7) per cent. per annum on the deferred payment.

**W. H. Gregor Quit-claim Deed.**

March 10, 1908, the execution of a quit-claim deed was authorized in favor of W. H. Gregor for Lot 20, Block E, in the Broadway Terrace Tract, Oakland.

**Sale of Batchelder Tract Lots Authorized.**

On May 12 the Board authorized and empowered the Finance Committee to sell lots 9 and 10 of Block B in the Batchelder Tract, Berkeley, to Mr. Wm. H. Smyth at \$6,962.10; terms, \$500 down; the balance of one-half the purchase price on June 3, 1908, and the balance in equal payments one year and two years after date, interest to be paid at the rate of seven per cent. per annum on deferred payments.

The President and Secretary of the Board were authorized to execute the contract for this sale, and to execute a deed for the land upon written approval by the Finance Committee at such time as payment shall have been completed.

On June 9 the action of the President and Secretary of the Board was approved and confirmed in executing the above contract of sale. The Finance Committee reported that \$3481.05 had already been received.



**Land Purchased for the Lick Observatory.**

On June 9 \$579.40 was appropriated by the Board from the Permanent Improvement Fund for the purchase of the following described lands adjoining the Lick Observatory reservation:

From Mrs. A. F. Duckworth, 122 Calahan street, Watsonville, California: S.W.  $\frac{1}{4}$  of N.E.  $\frac{1}{4}$  of Section 8, 40 acres; fractional S.E.  $\frac{1}{4}$  of N.W.  $\frac{1}{4}$  of Section 8, 28.37 acres, at \$4.50 per acre plus cost of abstract of title, not to exceed \$10; amounting to \$317.67.

From John Hartzoke, 243 North First street, San Jose: Fractional N.  $\frac{1}{2}$  of N.E.  $\frac{1}{4}$  of Section 3, consisting of Lot No. 1, 28.56 acres, Lot No. 2, 28.49 acres, at \$4.50 per acre plus one-half cost of abstract of title, not to exceed \$5.00; total \$261.73.

All of these lands are in Township 7 North, Range 3 East, Mt. Diablo Meridian.

**Lick Observatory Lands Rented to R. F. Morrow.**

On February 11 the Board adopted the following resolution:

*Resolved*, that the Regents of the University of California lease to R. F. Morrow for grazing purposes, excluding sheep grazing, and for no other purpose or purposes, all those certain lands owned by the Regents of the University of California, in the County of Santa Clara, State of California, situate, lying, and being south of Lick avenue on Mount Hamilton Road, in sections eight (8), nine (9), sixteen (16), and seventeen (17), in township seven (7) south, range three (3) east, Mount Diablo Meridian, for the term of three (3) years from March 1, 1908, at an annual rental of eighty (\$80) dollars, payable in advance on the first day of March of each of said three (3) years.

This lease was for lands theretofore rented to Mr. Morrow, and at the same rate as before.

**Quit-Claim Deed to Martha E. Alexander.**

The Attorney of the Board having reported that the Regents had no legal claim to the following described property, the Board, on November 12, authorized its President and Secretary to execute a quit-claim deed for it to Martha Eliza Alexander:

All that certain lot, piece, or parcel of land, situate, lying and being in the County of Alameda, and State of California, and bounded and particularly described, as follows:

Commencing at a stake at the northeast corner of plot number 84 as laid down and delineated on Kellersberger's Map of the Rancho of Vicente and Domingo Peralta on file in the office of the County Recorder of said County of Alameda; running thence south 81 degrees west 27.17 chains to a stake on the northerly line of said Plot No. 84; thence north 5 degrees west along the westerly line of Plot "Q" as laid down and delineated on Map hereinafter mentioned 430 feet; thence north 80 degrees 30 minutes east parallel with the southerly line of said Plot "Q" 353 feet 10 inches; thence north 5 degrees 36 minutes west parallel with the said westerly line of Plot "Q" 180 feet to a stake; thence south 80 degrees 30 minutes west parallel with said southerly line of Plot "Q," 363 10-12 feet to the said westerly line of Plot "Q;" thence north 5 degrees west along said westerly line of Plot "Q," 7.68 chains, more or less to a stake on the Sawyer Partition Line, so called; thence north 60 degrees 30 minutes east 37.05 chains to a post marked S. A. L.; thence south 55 degrees east 33.40 chains to a station; thence south 5 degrees 30 minutes east 6.69 chains to post and mound on the north line of Plot No. 83, as laid down and delineated on Kellersberger's Map first above mentioned; and thence south 81 degrees west along said north line of Plot No. 83, 32.15 chains to the point of commencement.

Containing one hundred and twenty-four (124) acres of land, be the same more or less, and being Plot "P," and a portion of Plot "Q," as laid down and delineated on the Map entitled "Map of the undivided Mountain or Hill Land of the Vicente and Domingo Peralta Rancho as partitioned by a decree of the Third District Court of March 2, 1875," filed October 6, 1875, in the office of the County Recorder of said County of Alameda.

#### **Southern California Agricultural Investigations.**

The Board, on May 12, adopted the following general schedule of work for the Southern California Pathological Laboratory at Whittier and the Citrus Experiment Station at Riverside for the year 1908-09:

To continue at the Plant Disease Laboratory at Whittier (which has been satisfactorily completed and equipped during the past year) studies of the walnut blight bacterium in connection with orchard observation of varieties which are disclosing effective resistance to the disease. The work of the last year clearly indicates that grafting from seedling

trees, which have persisted in bearing profitable crops in the midst of orchards seriously reduced in their total product by the blight, affords an immediately available means to increase production. The search for such trees, critical pomological and commercial study of their product and experiments with different methods of grafting will be diligently pursued both upon our own grounds and in the orchards of cooperating private owners.

The work with tomato blight, which yielded strikingly valuable demonstration of the value of preventive spraying on the Laboratory grounds during the last year, will be continued, especially in relation to the control of the disease on a large scale by coöperation with local growers.

A new line of investigation and control experiments will be taken up with a fungous blight of the celery which occasioned large losses just before the crop was harvested last year. A large acreage will be handled in coöperation with growers.

A study of the so-called "brown spot" of the orange, which injured much fruit during overland shipment the past season, will be undertaken: the investigation of the keeping quality of lemons during shipment, of the various forms of gum disease, and of other obscure troubles of citrus trees will be continued.

The entomological rooms at the Whittier Laboratory will be equipped and a qualified resident entomologist will be assigned thereto. Systematic reconnaissance of injurious insects in Southern California, with collections and studies of life histories of relatively most important species, will be begun. Special attention will be given at first to the orange thrips and to plant lice seriously attacking the canteloupe, cabbage, and other truck crops of great commercial importance.

At the Citrus Experiment Station at Riverside the pomological research collection of citrus fruit varieties planted

last year will be brought forward under good growing conditions and some additional planting of fruit and forest trees will be undertaken.

Experiments looking toward securing specially fine varieties of the present most popular types of citrus fruits will proceed by wide selection and propagation of promising variations, and observations upon relative value of different stocks for citrus fruits will be continued.

Experiments in irrigation and fertilization of citrus trees, for which the station grounds have been carefully prepared and planted, will be carried on, and soil studies with relation to fertilization, irrigation, and tillage will be pursued. A qualified expert will be provided to have particular charge of the work and he will be furnished with laboratory facilities in the station buildings.

The treatment of bearing trees secured by coöperation with Southern California owners, to demonstrate new and important facts in fertilization and culture practice, will be continued by the same expert.

#### **Letter of Thanks from the U.S. Department of Agriculture.**

On August 13, 1907, President Wheeler reported that he had received the following letter of appreciation for privileges accorded the Food Inspection Laboratory of the United States Department of Agriculture:

On behalf of the Honorable Secretary of Agriculture and of Dr. H. W. Wiley, Chief of the Bureau of Chemistry, I have the honor to extend the thanks of the Department of Agriculture to you and the Honorable Board of Regents of the University for your kindness in placing the laboratories of your College of Agriculture at the disposal of the Food Inspection Laboratory of the Bureau of Chemistry.

The courtesy is one deeply appreciated, as it has enabled the Department of Agriculture to carry on without interruption the work of food inspection on this Coast. In accepting of the hospitality of the University it has been with the hope that we may in some way return the favor at some future time.

(Signed)

RALPH A. GOULD,  
Chief of Food Inspection Laboratory.

**Architect for Further Work on the University Farm.**

On November 12 the Board authorized Director Wickson to engage an architect to prepare plans and specifications for further buildings at the University Farm, including a dairy barn, a blacksmith shop, a carpenter-shop, and a dormitory, and the Secretary was authorized to advertise for bids upon approval by the Committee on Agriculture of the plans for any portion of these buildings.

**University Farm Buildings.**

The erection of a dairy barn, seedhouse, workshop, and sanitary and water system at the University Farm was authorized on February 11, 1908, and the erection of a dormitory and dining room and kitchen was authorized on March 10, 1908, all as a charge against the state appropriation for the University Farm, subject to the approval of contracts by the Finance Committee and the Committee on Agriculture.

**Massachusetts Beds.**

The following resolutions were adopted August 13, 1907, in regard to the proposed contribution from the Massachusetts Relief Committee for the founding of free beds at the University Hospital:

The Regents' Committee on the Colleges of Medicine and Dentistry of the University of California has reported to this Board that the Massachusetts Relief Committee has under favorable consideration a plan to devote a large portion of the fund contributed by the people of the State of Massachusetts for the Relief of the City of San Francisco from its disaster of April 18, 1906, to the founding and perpetual maintenance of a number of free beds in the University of California Hospital in San Francisco, on condition that no part of such fund shall be applied to any other purpose.

The Regents of the University of California beg to express their sincere and thorough-going appreciation of the careful thought and wise consideration given by the Massachusetts Relief Committee to the matter of the disposition of the fund committed to its care.



*Resolved*, That in the judgment of the Regents of the University of California such a disposition of that fund would minister to the highest and best purposes of relief, because the devotion of it to a concrete purpose would be better at the present time than a general distribution among many individuals, and the fund would thus be applied forever to the relief of suffering humanity, the advancement of the noble profession of medicine, and the furtherance of the purposes of a great seat of learning; and, in addition, such disposition would perpetuate in most lasting and grateful form, the humanity and far-sighted benevolence of the ancient Commonwealth of Massachusetts toward the State of California.

*Be it Further Resolved*, That should the Massachusetts Relief Committee devote its funds to the purpose indicated, the University of California, founded in the constitution of this state, and represented by its Regents, appointed and ex officio, pledges itself that the sum so received shall be made a distinct endowment fund to be used exclusively for the establishment of free beds in the University of California Hospital, to be maintained forever according to the highest standard of a University Hospital conducted solely for the teaching and advancement of the medical profession.

[Subsequently an endowment of \$100,000 was received for the Massachusetts Beds.]

#### **Tuition Fees in the Medical Department.**

The Board, on September 10, approved the following change in the method of payment of the tuition fee in the College of Medicine:

(1) That the tuition fee of \$150 for the College of Medicine be made payable in two installments of \$75 each at the beginning of each half year;

(2) That in case of students taking only a partial course, the tuition fee be pro-rated on the basis of the units of instruction;

(3) That no non-resident fee be charged non-resident students paying full tuition in the College of Medicine.

#### **Nurses' Training Course.**

On November 12 the Board authorized the Dean of the Medical Department to establish a nurses' training course as a part of the work of the Medical Department.



**University Hospital Account to be Credited with San Francisco Claims.**

On December 10 the Board directed that the University Hospital account be credited with claims accruing against the City and County of San Francisco.

**Insurance on Equipment of Dental College Continued.**

On October 8 the Board directed that insurance be continued on the equipment of the College of Dentistry.

**Wilmerding School Street Work Authorized.**

On November 12 the President and Secretary of the Board of Regents were authorized to sign a contract with the City Street Improvement Company for street work near the Wilmerding School, the cost to be borne by the Wilmerding Endowment interest, as follows: A bituminous rock pavement and granite curbings (where not already laid) on the roadway of the crossing of Kansas and Seventeenth streets, and on the roadway of the crossing of Seventeenth and Rhode Island streets, at a cost to the Regents of twenty-four cents per square foot for the bituminous rock pavements and \$1.60 per lineal foot for granite curbing, free of all incidental expenses.

On June 9 the Board authorized its President and Secretary to enter into contract with the City Street Improvement Company for a bituminous rock pavement on the crossing of Sixteenth street and San Bruno avenue, San Francisco, for the sum of twenty-four cents per square foot—the total cost not to exceed \$265.00, payable from the Wilmerding Endowment interest. The University's share of frontage affected by this work is 300 feet.

**Sewering of Kansas Street, San Francisco.**

On October 8 the Board authorized a contract to be made with the City Street Improvement Company for the sewer-ing of Kansas street, between Seventeenth and Mariposa streets, at \$2.25 per front foot, including Y branches and an additional charge of \$85 for manhole and cover, the contract to be drawn in the usual form.

## GIFTS TO THE UNIVERSITY.

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The following list records gifts for which formal votes of thanks were passed by the Regents between July 1, 1907, and June 30, 1908:

Levi Strauss & Co., \$1,750 [August 13, 1907], and \$1,750 [January 14, 1908], for the Levi Strauss Scholarships for the year 1907-08.

The San Jose High School, \$125 for the San Jose High School Scholarship for the year 1907-08. [August 13, 1907.]

Mrs. Martha E. Hallidie, a complete set of "Notes and Queries" in about 110 volumes, for the University Library. [August 13, 1907.]

Mr. James H. Anderson, a valuable illustrated copy of the 1632 Lutheran Bible, folio, in leather binding, for the University Library. [August 13, 1907.]

Mr. C. S. Davidson, a set of maps of the University properties. [August 13, 1907.]

Professor William H. Brewer of New Haven, Connecticut, thirty-three volumes of botanical books for the Department of Botany.

Mrs. Frances B. Sanborn and Mr. F. B. Ginn, files of the Boston Independent Ledger, 1778-1780, and Mrs. Mary L. Ginn's collection of rare and interesting specimens of china and silver; the latter to be known as the "Mary L. Ginn Collection." [September 10, 1907.]

A friend of the University, \$1000 promised for the purchase of books for the University Library. [September 10, 1907.]

A member of the Committee on the LeConte Fellowship Fund, promise of approximately \$230, to be added to the LeConte Fellowship Fund for 1907-08. [September 10, 1907.]

Mr. Albert Bonnheim, \$150 for furnishing a room in the Student Infirmary. [October 8, 1907.]

The Class of 1905, \$500 as the Class of 1905 Fund. [November 12, 1907.]

Mr. D. O. Mills, \$750, to provide for the increase of the salary of Acting Astronomer H. D. Curtis, in charge of the D. O. Mills Expedition to the Southern Hemisphere, from \$2750 to \$3000 per annum. [November 12, 1907.]

Hon. William Randolph Hearst, \$1,200, to provide the most recent forms of seismographs for the Lick Observatory. [November 12, 1907.]

Professor Alexander Agassiz, \$1,100, for the salary of Miss Rigden and Mr. Streedain, as assistant and artist in work on the zoological collections of the Agassiz Expedition to the South Seas, from January 1 to July 1, 1908. [January 14, 1908.]

Miss Bertine and Mr. Harry Wollenberg, \$125 for the Wollenberg Scholarship for one year. [January 14, 1908.]

Mr. Parker Holt of the Class of 1903, a Crosby steam engine indicator and reducing wheel. [February 11, 1908.]

Mr. Robert Belcher of the Class of 1900, \$50, for the purchase of books for the University Library. [February 11, 1908.]

The Class of 1907, \$650, to be known as the Permanent Endowment fund of the Class of 1907. (a) The income of \$500 of the sum is to be devoted annually to the purchase of works in the field of modern dramatics for the University Library. Such works are to be purchased through the committee on the expenditure of this income, which is to consist of the head of the Department of English of the University and the permanent secretary of the Class of 1907. (b) The income from the remaining \$150 is to be turned over to the permanent secretary of the class annually, to be used by him for the permanent organization of the class. Whenever such organization shall become defunct, this surplus shall be added to the fund of five hundred dollars mentioned in part (a), and the income of the whole fund shall then be used for the purpose described in said part. [February 11, 1907.]

The Laidlaw-Dunn-Gordon Company, a 100 H.P., steam-driven compound duplex air compressor and a 15 H.P. electrically driven air compressor for the Mining Department. The total value of the donation is about \$3,350. [March 10, 1908.]

Mrs. Phoebe A. Hearst, a White Steamer motor car, to Director Campbell for use at the Lick Observatory. [March 10, 1908.]

Mr. F. M. Smith, \$2,828, to cover the loss on the four symphony concerts of the fall of 1907 [April 14, 1908], Mr. Smith having guaranteed all the University symphony concerts since their beginning.

The Home Mining Company, a model of the surface and underground workings of the Home and Champion Mines of Nevada City, California, for the Mining Department, the gift being made through the kind offices of Judge C. A. Lindley and Hon. Fred. Searles. This

model was used as an exhibit in a recent law suit between the companies mentioned, and is therefore of important legal record in the United States mining law. [April 14, 1908.]

Professor E. W. Hilgard, \$150, for the furnishing of a room in the Student Infirmary. The gift was accompanied by a letter from Professor Hilgard saying: "I have the honor of enclosing herewith my cheque for one hundred and fifty dollars for the furnishing of a room in the Student Infirmary, thereafter to bear my name; and to express my sincere interest in, and appreciation of, the admirable work which has been and is being accomplished by this recent addition to our University activities." [April 14, 1908.]

Professor R. H. Loughridge, \$150, for the furnishing of a room in the Student Infirmary. Professor Loughridge wrote: "It gives me great pleasure to enclose my cheque for \$150 for the furnishing of a room in the Student Infirmary in memory of my wife, Bessie Webb Loughridge, to be known as the "Loughridge Memorial Room." [April 14, 1908.]

Fairbanks, Morse & Company, a 1 H.P. gasoline engine, for use in cereal investigations at the University Farm. [May 12, 1908.]

A member of the Class of 1901, \$70, for the Student Infirmary. [May 12, 1908.]

Professor Gustaf Magnus Retzius of Stockholm, Sweden, a full set of his published works for the University Library. [May 12, 1908.]

The Samson Iron Works, a 4 H.P. engine to the Tulare Experiment Station. The gift is valued at \$250. [June 9, 1908.]

The Atha Tool Company, Newark, New Jersey, one dozen prospecting picks and one dozen prospecting hammers for the Mining Department. [June 9, 1908.]

#### **Gifts for the University Hospital.**

Gifts, as follows, were made during the year 1907-08 for the benefit of the University Hospital (the Medical Department):

Mrs. William H. Crocker, \$2,500; Dr. William Watt Kerr, \$500; Dr. A. A. D'Ancona, \$95; Dr. D. W. Montgomery, \$500; A. L. Lengfeld, \$5; J. N. Sresovich, \$8.50.

Mr. George Roos and Mrs. Jacob Stern have each agreed to give \$12 per annum toward the support of free beds in the University Hospital.

Dr. A. J. Lartigau, an operating table.

Dr. R. Leona Ash, an invalid's chair.

**San Diego Marine Biological Laboratory.**

On December 10 it was reported to the Board that at a recent session of the Legislature the City of San Diego was authorized to deed La Jolla Park to the Regents, to be used for the purposes of the San Diego Marine Biological Laboratory, but that it had been decided by the Association which supports the laboratory not to take advantage of the act of the Legislature, but to accept as a site a donation of 160 acres of land located on the ocean shore, and in every way better suited to the purposes of the laboratory.

**Vote of Thanks to the Kearney Residuary Legatees.**

On January 14 a vote of thanks was extended to Mr. James D. Phelan, Mr. William H. Crocker, Mr. John Parrott, Mr. J. D. Grant, and Professor E. W. Hilgard for the donation to the University which each of these gentlemen had made through the execution of a deed conveying to the Regents any and all rights of each as a residuary legatee of the Kearney Estate.

**Danish Chair.**

The Danish Society "Dania," on May 12, 1908, offered to the University the sum of \$2,000 for two years for the purpose of establishing and maintaining a chair of Danish Language and Literature. While the Regents very highly appreciated the spirit of the offer and the desirability of such instruction in the University, they were unable to pledge the continuance of the instruction in Danish at the University's expense after the expiration of two years, so the matter was without result.

**Vote of Thanks to the Board of Fire Underwriters.**

On March 10 a vote of thanks was extended to the Board of Fire Underwriters of the Pacific for its action in providing for periodical inspection of the wiring of the University buildings.

**Miss Alexander's Gift for the California Museum of Vertebrate Zoology.**

On February 11 the Board adopted the following report of the Finance Committee:

"Your Finance Committee has the honor of presenting herewith a letter of January 30, 1908, from Miss Annie M. Alexander to President Wheeler, in which Miss Alexander promises a yearly guarantee of \$7,000 for the period of seven years to be expended in field and research work relative exclusively to mammals, birds, and reptiles of the west coast of the United States. We recommend that Miss Alex-



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ander's letter be spread upon the minutes of the Board. We recommend, further, the adoption of the following resolution:

“*Resolved*, that the offer of Annie M. Alexander to give to the University of California a yearly sum of \$7,000 for seven years, as contained in her letter addressed to President Benjamin Ide Wheeler, dated January 30, 1908, be and the same is hereby accepted upon the condition that the ownership, management, and control of the building to be erected by the Regents and of the collection of material provided for in said offer, and the appointment of a Director and of other employes under said gift, rest and remain with the Regents, the suggestions of Miss Alexander with regard to said collection and to the appointment of Director and other employes to be considered at all times, and to be followed where the same do not conflict with law or with the rules or fixed policy of the Regents; and

“*Resolved*, further, that in the event said gift is made and received under this resolution of acceptance, the Regents promise and agree, in consideration thereof, to commence the building of a temporary museum within four months and to prosecute the erection thereof with due diligence.”

Seven thousand dollars was appropriated by the Regents for the building.

A letter from Miss Alexander gave details of her proposal for the establishment of the California Museum of Vertebrate Zoology:

“OAKLAND, CAL., January 30, 1908.

“*President Benjamin Ide Wheeler, University of California, Berkeley, Cal.:*

“DEAR SIR: Referring to my letter of October 28th, 1907, in which, in recognition of the need for systematic collection of the fauna of the West Coast of the United States, I outlined a plan for the establishment of a Museum in connection with the University, I beg herewith to state my proposition more specifically, to be submitted to the Board of Regents of the University of California for approval.

“I promise to the University of California a yearly guarantee of Seven Thousand Dollars (\$7,000) for the period of seven years to be expended in field and research work relative exclusively to mammals, birds, and reptiles of the West Coast of the United States; and I promise to make proper arrangements so that, in the event of my death within the said seven years, my estate will be charged with the yearly amount thus guaranteed for said space of seven years; all subject to the conditions hereinafter stated.

“The University of California is, at its own expense and within the next four months, to erect, in a suitable place on the University



grounds, and according to satisfactory plans, a galvanized iron building and furnish the same with electric lights, heat, and janitor service, together with an outhouse adapted for the housing of raw skeletons and skulls; and that the exclusive purpose for which the space in said buildings is used shall be the promotion of the work and objects of the Museum hereby planned.

“The said buildings shall be used for all the purposes of a Museum of Vertebrate Zoology, and the research work connected therewith, and shall be and remain, during said period, under my entire control. The name proposed is “California Museum of Vertebrate Zoology.” It would be particularly understood that the management of the funds necessary for carrying on the work of the Museum, and the selection of the Director and his Assistants for the work, would be under my control, with the proviso that the said selection be made from a class of persons who will reflect credit upon the University. My nominee for the position of Director of the Museum, to be appointed by the Board of Regents for the first year and thereafter, subject to my approval, from year to year, is Mr. Joseph Grinnell of Pasadena, who, as I am informed, possesses qualifications satisfactory to the President of the University. His time and work is to be devoted exclusively to the purposes of the Museum.

“All the Natural History material collected in the course of the work and housed within the walls of the Museum is to be the sole and exclusive property of the University of California, except, of course, such material as may be placed there as a loan, for temporary purposes, by the workers connected with the Museum and other friends of the University. One incidental feature of the proposed work is the installation of several groups of large mammals for purposes of exhibition. While it is proposed that the Collectors would have the first privilege of working up the materials collected and placed in the Museum, these materials would be and remain accessible to any qualified student within or without the University wishing to carry on special lines of investigation; at the same time provisions will be made for loaning such material as would assist in class work whenever this is feasible without detriment to important series.

“It would have to be likewise understood that, in the event of my death before the end of said seven years, the University would undertake to continue the work commenced by me in the spirit, and in accordance with the plans and ideas proposed and followed by me.

“The University is relied upon to provide the working library necessary to carry out the objects of the Museum.

“Yours very truly,

“ANNIE M. ALEXANDER.”

## OTHER GIFTS TO THE UNIVERSITY, 1906-08.

### GIFTS TO THE DEPARTMENT OF ANTHROPOLOGY.

Mrs. Phoebe A. Hearst, 373 cases and packages containing specimens collected by the assistants in the field working under her gift for research (including also collections purchased), as follows:

312 specimens from excavations of Shellmound, Emeryville, California.

12 cases containing specimens from Chala, Cajamarquilla, and the Valley of Lima, Peru.

19 Graeco-Roman bronzes.

2 cases of plaster casts of Graeco-Roman antiquities.

112 ethnological specimens from the Klamath river region, California.

28 Wishok Indian baskets from California.

427 specimens from Ellis Landing Shellmound, California.

616 ethnological specimens from the Miwok Indians, California.

48 phonograph records from the Luiseño Indians of Southern California.

4 Indian baskets: 1 Yuki, 1 Wailaki, and 2 Lolanko, from California.

2 Wintun Indian baskets, California.

186 archaeological specimens from eastern Arizona.

167 ethnological specimens from the Yurok Indians, Humboldt County, California.

99 Yurok Indian phonograph records.

2 ethnological specimens from the Luiseño Indians, Southern California.

85 Athabascan Indian baskets from Mendocino county, California.

6 Diegueño and Luiseño baskets from Southern California.

3 specimens: beaded buckskin hood, powder horn, small perforated implement of horn. Plains Indians.

Mud-ball sling outfit, and a sifting basket, from the Pomo, California.

5 baskets from Southern California.

11 Klamath Lake Indian baskets.

74 specimens from Ellis Landing, Shellmound.

244 ethnological specimens from the Yokuts Indians, Fresno county, California.

10 ethnological specimens from the Yurok Indians, Humboldt county, California.

177 ethnological specimens from the Luiseño, Cahuilla, and Chemehuevi Indians, Southern California.

4 pestles from the Wailaki Indians, California.

103 ethnological specimens from the Philippines.

2 totem poles from the Kwakiutl Indians, Vancouver Island.

Pomo Indian dance costume, 10 pieces.

246 Yurok and Hupa Indian ethnological specimens and 257 Yurok phonograph records, Humboldt county, California.

37 Hopi ethnological specimens.

166 archaeological specimens from the vicinity of Snowflake, Arizona.

343 ethnological specimens from the Yuki and Wailaki Indians, California.

22 ethnological specimens from the Yana Indians, California.

Models of snowshoes and fire sticks from Van Duzen creek, California.

440 specimens from Ellis Landing Shellmound.

2 pestles from Humboldt county, California.

Picture of the ruins of Philae in Egypt.

734 ethnological specimens from the Klamath Reservation, Oregon.

42 ethnological specimens from the Diegueño Indians, Southern California.

2 Chinese brass insignia.

Box containing over 100 medals and tokens.

13 Klikitat, Haida, and Fraser river Indian baskets.

1 basket and 3 pestles from the Athabascan Indians of Mendocino county, California.

Skeletal material and 21 artifacts from shellmounds on Union Island.

32 ethnological specimens illustrative of Iroquois and eastern woodland culture.

300 phonograph records and 225 ethnological specimens from the Mohave Indians, California.

53 ethnological specimens from the Diegueño Indians, Southern California.

51 specimens from Ellis Landing Shellmound.

73 ethnological specimens from the Pomo Indians; 72 ethnological specimens from Yokuts Indians; 202 baskets and other specimens from Klamath Lake and Modoc Indians; 95 ethnological specimens from Africa and Hawaii; coat of chain mail from Europe; and 20 Cliff Dweller and miscellaneous archaeological specimens.

8 volumes and 48 pamphlets.

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Among other gifts to the Museum were:

Professor F. T. Green, mortar and pestle from Coyote creek, and Hupa flints, California.

Mr. J. W. Strauchberg, tubular stone artifact from San Anton Valley, California.

Miss Grace Nicholson, wooden armor from Alaska.

Mrs. H. H. Bancroft, 11 ethnological specimens from Alaska.

Dr. E. D. Campbell, human bones and ethnological specimens from St. Lawrence Island, Alaska.

Mr. Clifton E. Brooks, 3 mortars and 4 pestles from Napa county, California.

Mr. C. E. Rumsey, 10 Wiyot Indian ethnological specimens, from California.

Mr. Jesse Peter, 264 archaeological specimens from Santa Rosa, California.

Mr. Fred V. Ginn and Mrs. Frances B. Sanborn, the Mary L. Ginn collection of china and silver.

Professor A. R. Ward, 2 stone implements, one from Mendocino county and one from Paso Robles, California.

Mr. T. T. Waterman, a Yokuts mortar from Fresno county, California.

Mr. H. V. Johnson, 13 specimens of pottery and shells from near Indio, California.

Professor F. W. Putnam, human skeletons and archaeological specimens from a prehistoric burial place in Santa Barbara county, California; also 48 volumes and 261 pamphlets.

Professor W. A. Setchell, arrowhead and axe from Leetsdale, West Virginia.

Mr. Clarence B. Moore, many potsherds from Bear Point, Perdido Bay, Alabama, and from mounds eastward along the coast of Florida to Choctawatchee; a large collection of shell implements of various forms from San Marco and other Florida Keys; 1 volume and 2 pamphlets.

Mr. S. G. Wheeler, a Makah Indian bow from northern Oregon.

Mr. F. Y. Bennett, in exchange, ethnological specimens from the Cook Islands and from New Guinea.

Peabody Museum of Harvard University, in exchange, archaeological and ethnological specimens from New Mexico and British Columbia.

Australian Museum, Sydney, in exchange, 26 ethnological specimens from Australia.

Professor Frederic Starr, in exchange, 16 plaster busts, painted from life, of Pueblo Indians.

Mr. J. T. Goodman, 10 copies of his Memoir on Maya Inscriptions.

Mr. A. M. Tozzer, 3 pamphlets.

Mr. A. Rutot, 12 pamphlets.

Mr. G. Sergi, 2 pamphlets.

Dr. M. Uhle, 1 volume.

Professor Pliny E. Goddard, 2 pamphlets.

S. A. Barrett, J. C. Rowell, J. G. Butler, Jr., F. de P. Castells, J. C. Merriam, Walter Hough, W. H. Holmes, H. R. Phelan, A. W. Howitt, Adela Breton, and E. P. Dieseldorff, 1 pamphlet each.

From the regular exchanges for the publications of the Department, a large number of serial publications of anthropological societies, museums, and journals have been received, which are recorded in the University Library.

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#### GIFTS TO THE DEPARTMENT OF BOTANY.

##### FOR THE HERBARIUM.

Mr. Théodore M. Anton, Oakland, 1 phaenogam.

Professor William Dallam Armes, University of California, 2 specimens of Arctic plants collected by the Peary Expedition of 1906-07.

Professor E. B. Babcock, University of California, 181 sheets of miscellaneous plants.

Mr. Vernon Bailey, United States Biological Survey, Washington, D.C., 4 specimens of Compositae from Southern California, with Dr. C. Hart Merriam.

Mr. Milo S. Baker, '95, Kenwood, 165 sheets, mostly mounted eastern material.

Mr. David M. Balch, Coronado, 1 sheet of algae.

Professor F. T. Bioletti, University of California, 275 sheets of cryptogams, 26 sheets of phaenogams.

Dr. F. Boergensen, Botanical Museum, Copenhagen, Denmark, 22 specimens of algae from the Danish West Indies, chiefly Caulerpae, and 5 specimens of Sargassum.

Professor C. B. Bradley, University of California, 303 sheets of phaenogams, 108 sheets of cryptogams.

Mr. and Mrs. T. S. Brandegee, University of California, their entire herbarium, consisting of 76,166 sheets, many of which were mounted in permanent form. With this was included also a botanical



library, a collection of museum material, and a set of herbarium cases, in addition to miscellaneous office supplies and furniture.

Mr. Ernest Braunton, Los Angeles, 15 sheets of phaenogams.

Mr. Alfred Carling, Templeton, 23 sheets of phaenogams.

Mr. Harley P. Chandler, '02, St. Louis, Missouri, 97 sheets, mostly from Howell Mountain, 20 sheets of *Fritillaria* from St. Helena, 275 sheets from Mt. Hamilton and Benicia, 349 sheets of miscellaneous phaenogams, and with H. M. Hall 3250 sheets of desert plants.

Professor V. K. Chestnut, '90, Bozeman, Montana, his entire herbarium, consisting of 2653 sheets of plants, mostly collected in California, a number of them being type specimens.

Mr. Benj. Cobb, Santa Paula, 35 herbarium specimens.

Mr. F. S. Collins, Malden, Massachusetts, 15 specimens of algae from British Columbia, 12 algae from Cape L'Aigle, Canada, and 176 sheets of other cryptogams.

Miss Kate E. Conger, Alameda, 6 sheets of mistletoe and 232 sheets of other phaenogams from the Sierra foothills.

Miss Anna Cowan, Fort Jones, 6 sheets of phaenogams.

Dr. A. Davidson, Los Angeles, 17 sheets of phaenogams.

Hon. Horace Davis, San Francisco, 142 sheets of phaenogams from the Santa Cruz Mountains.

Mr. J. H. Dodson, El Cajon, 1 eucalypt.

Miss L. L. Donneley, '00, Carmel, 25 sheets of phaenogams from Porterville.

Mr. G. W. Dwinell, Montague, 1 phaenogam.

Miss Alice Eastwood, Berkeley, 4 sheets of selected manzanita specimens and 1 other sheet.

Professor T. E. N. Eaton, Redlands, a specimen of *Basilima Millefolium*.

Mr. C. N. Forbes, '08, National City, 1 sheet of *Jepsonia*, 53 specimens of algae from La Jolla, 1 alga from the Atlantic Ocean, 101 sheets of *Cupressus*, and 5 other phaenogams.

Professor T. C. Frye, University of Washington, Seattle, 87 specimens of algae from Puget Sound, 23 specimens from the Bermuda Islands, and 6 specimens from the Olympic Mountains, Washington.

Dr. N. L. Gardner, Los Angeles, 2 phaenogams, 260 specimens of algae, 7 specimens of *Gyrophragmium*, and 18 other plants.

Professor P. E. Goddard, University of California, 99 sheets from Humboldt county and 38 other plants.

Mr. Leslie N. Goodding, Poole, Arizona, 242 sheets of plants from Arizona and Mexico, submitted for determination for the Transvaal Department of Agriculture.



Mr. George B. Grant, Pasadena, 28 sheets of selected plants.

Gray Herbarium of Harvard University, Cambridge, Massachusetts, through Dr. B. L. Robinson, 3 specimens of type material.

Mr. R. S. Gray, Oakland, 3657 cryptogams, including many of the standard sets of mosses, fungi, etc.

Mr. L. A. Greata, Redlands, 1 Jacobinia, 5 Compositae, and 48 other plants from Southern California.

Professor and Mrs. Joseph Grinnell, Pasadena, a collection of 200 specimens from Southern California, also 4 Compositae, and 20 sheets of weeds from Pasadena.

Mr. F. M. Hall, Inglewood, 1 sheet of *Brassica nigra*.

Mr. George R. Hall, Riverside, 6 sheets from Sonoma county and 1 sheet of *Pyrola pallida* from the San Bernardino Mountains.

Professor H. M. Hall, University of California, 600 sheets from the San Bernardino Mountains, 160 sheets from the vicinity of Santa Barbara and Los Angeles, 410 sheets of economic plants, and 3250 sheets of desert plants (with H. P. Chandler).

Mr. John H. Hatton, United States Forest Service, Washington, D.C., 1 phaenogam.

Mr. Herbert G. Hills, East Oakland, 1 specimen *Peziza* from Trestle Glen.

Dr. Lad Hollos, Keiskevit, Hungary, 10 specimens of hypogaeous fungi from Hungary.

Miss S. W. Holmes, Ashland, Oregon, 1 phaenogam.

Mr. L. E. Hunt, University of California, 18 species of *Eucalyptus*, being specimens taken from trees used in making timber tests for the Bureau of Forestry, United States Department of Agriculture.

Dr. Ed. Janczewski, Krakau, Austria, 23 sheets of *Ribes*.

Miss Catherine Jones, Camino, 20 sheets of phaenogams.

Professor P. B. Kennedy, Reno, Nevada, 14 sheets of type material, 5 sheets of *Uredinei* and 1 specimen of *Aecidium* on *Phlox*.

Mrs. Kincaid, Boulder Creek, 1 phaenogam.

Miss Alice M. King, '91, Santa Ana, 87 sheets of phaenogams.

Mr. E. L. Koethen, Riverside, 1 sheet of double *Anemone fulgens*.

Dr. Adolph Kraemer, San Diego, 10 sheets of Southern California plants.

Professor E. R. Lake, Corvallis, Oregon, 1 specimen of aerial algae.

Professor and Mrs. J. G. Lemmon, Oakland, 254 sheets of Mexican plants, in continuation of a previous donation.

Miss Mary W. Lemon, '02, Oakland, 5 sheets of *Quercus Garryana*.

Mr. Francis E. Lloyd, Mazapil, Zacatecas, Mexico, 1 specimen of *Nostoc*.

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Miss Emma Lobenstein, Valley Ford, 20 sheets of phaenogams.

Dr. J. Lunell, Leeds, North Dakota, a series of 9 sheets of Sagittaria and 6 other specimens.

Mr. R. C. McGregor, Philippine Bureau of Science, Manila, Philippine Islands, 505 specimens of algae from the Philippine Islands.

Dr. C. Hart Merriam, United States Biological Survey, Washington, D.C., 4 specimens of Compositae from Southern California, with Vernon Bailey, and 1 sheet of Chrysothamnus from Mt. Shasta.

Mr. T. W. Minthorn, Los Angeles, 15 herbarium specimens.

Missouri Botanical Garden, St. Louis, Missouri, 564 sheets of phaenogams, being a set of the Lindheimer plants from the southwestern United States.

Miss S. P. Monks, San Pedro, 61 algae.

Mrs. S. M. Moore, Chico, a collection of 240 phaenogams and 50 cryptogams from Nome, Alaska, made by the late Mrs. Carrie Nevada Powers (née West).

Mrs. C. F. Morrison, San Francisco, 400 specimens of marine algae, collected by Mrs. Baldwin.

New York Botanical Garden, through F. S. Collins, Malden, Massachusetts, 142 specimens of blue-green algae from the West Indies, 5 specimens of thermal algae from the Philippines, and 1 specimen of Codium Ritteri.

Mr. M. B. Nichols, University of California, 50 specimens of algae.

Miss Frida Niedermüller, '11, Santa Barbara, 1 sheet of Cunninghamia.

Mr. George E. Osterhout, New Windsor, Colorado, 5 sheets of Umbelliferae.

Professor W. J. V. Osterhout, University of California, 53 specimens of algae.

Mr. S. B. Parish, San Bernardino, 17 sheets of plants from Southern California, 14 sheets of desert plants, 40 sheets of Nemophila integrifolia, and 20 other sheets.

Mr. C. A. Patrick, Calistoga, 1 phaenogam.

Mr. R. L. Pendleton, Saratoga, 88 sheets, mostly from the Santa Cruz Mountains.

Miss L. L. Perrine, State Normal School, Valley City, North Dakota, 2 specimens of ferns, and 15 of Boschniakia and Arceuthobium.

Mr. A. J. Pieters, Hollister, 6 sheets of Characeae.

Professor William Popper, University of California, 1 sheet of Syrian tobacco from New York City.

Mr. F. M. Reed, Riverside, 4 sheets of phaenogams.

Mr. J. E. Roadhouse, Berkeley, 2 sheets of phaenogams.

Dr. Alice Robertson, Wellesley College, Massachusetts, 85 sheets of Rainier plants collected by J. B. Tarleton, Seattle, Washington.

Messrs. Aylmer and Sinclair Robinson, Kauai, Hawaiian Islands, 571 specimens of algae from the Lanai Island.

Mr. John Schar, San Fernando, 2 sheets of *Clanthus*.

Dr. Albert Schneider, University of California, 1 phaenogam.

Mrs. Mary A. Setchell, Birmingham, Alabama, 1 sheet of *Passiflora*.

Professor W. A. Setchell, University of California, an algal herbarium consisting of 15,468 specimens of algae, 20 specimens of *Secotium tenuipes* (including types); also 4 lichens, 4 fungi, and 1 *Lemna* from New Zealand.

Mr. William H. Shockley, Tonopah, Nevada, 119 sheets of phaenogams.

Miss Adelaide Smith, San Rafael, 1 sheet of leaves of the silver tree from South Africa.

Mr. C. O. Smith, University of California, 71 sheets of phaenogams and 74 sheets of fungi.

Dr. R. J. Smith, Milpitas, 72 sheets of phaenogams.

Mrs. Mary E. Snyder, La Jolla, 150 specimens of marine algae from the vicinity of San Diego.

Mr. W. N. Suksdorf, Bingen, Washington, 115 sheets of Washington plants.

United States National Herbarium, Washington, D.C., through Dr. J. N. Rose, fragment from type of *Erigeron calvus*.

Professor K. Yendo, Sapporo, Japan, 80 specimens of Japanese marine algae.

Miss H. A. Walker, Berkeley, 3545 sheets from middle California.

Mme. Weber-von Bosse, Eerbeek, Holland, 2 specimens of *Ecklonia buccinalis* from Cape Colony, 14 crustaceous corallines (duplicates from the Dutch East Indies).

Mr. A. H. Weber, Berkeley, 1 phaenogam.

Mr. Christian Westergaard, University of California, 1 sheet of *Eucalyptus*.

Mrs. C. M. Wilder, Riverside, 16 sheets of phaenogams.

Mr. R. D. Williams, Redlands, 32 sheets of *Godetia*.

(Total number of specimens received by gift from July 1, 1906, to July 1, 1908, for the herbarium, after deducting for entries counted twice, 114,036.)

FOR THE BOTANIC GARDEN.

Abraham's Nursery, San Francisco, 2 living plants.

Mr. J. H. C. Alexander, Los Angeles, seeds of *Sporobolus airoides* from Bennett Wells, Death Valley.

Dr. S. A. Barrett, University of California, seed of *Rhamnus rubra*, 2 packets native tobacco seed, and 45 other packets from the middle Sierras.

Mr. J. T. Bearss, Tulare, 1 bulb, 2 living plants of cotton.

Botanic Garden, Bremen, Germany, 4 packets of seed of *Nicotiana*.

Botanic Garden, Bukarest, Roumania, 11 packets of seed of *Nicotiana*.

Botanic Gardens, Cambridge, England, 53 packets of seed.

Botanic Garden, Copenhagen, Denmark, 4 packets of seed of *Nicotiana*.

Botanic Garden, Geneva, Switzerland, 13 packets of seed.

Botanic Garden, Goerlitz, Germany, 4 packets of *Nicotiana* seed.

Botanic Garden, Hamburg, Germany, 3 packets of *Nicotiana* seed.

Botanic Garden, Lyons, France, seed of *Nicotiana* and 8 other packets.

Botanic Garden, Oxford, England, 5 packets of seed.

Botanic Garden, Palermo, 2 packets of seed of *Nicotiana* and 1 packet of *Lupinus diffusus*.

Botanic Garden, Tabor, Bohemia, 10 packets of *Nicotiana* seed.

Botanic Garden, Upsala, Sweden, 5 packets of seed of *Nicotiana*.

Mr. and Mrs. T. S. Brandegees, San Diego, 4 packets of *Nicotiana* seed and 28 packets of other seed, 51 specimens of cacti and 35 other rooted plants and cuttings.

Mr. Ernest Branton, Los Angeles, seed of *Astragalus Brauntonii*.

Mr. A. L. Brown, Lyonsville, seed of *Camassia*.

Mr. Alfred Carling, Templeton, 1 packet of seed of *Galium Andrewsii*.

Mr. Harley P. Chandler, '02, St. Louis, Missouri, rooted plants of *Sedum spathulifolium*, 27 packets of seed from Howell Mountain, and 6 other packets.

Mr. Benj. Cobb, Paso Robles, bulbs and plants of *Allium crispum* and seed of *Troximon Californicum* and *Tropidocarpum capparideum*.

Professor O. D. Comes, Scuola Superiore L'Agricoltura, Portici, Italy, 18 packets of *Nicotiana* seed.

Mr. F. C. Crofts, San Rafael, 12 packets of Chinese seed.

Mr. J. Burt Davy, Pretoria, South Africa, seeds of *Barberton* daisy, *Damara* daisy, and 1 other plant.

Mr. C. C. Dobie, San Francisco, 1 packet of seed of *Calendula officinalis* from proliferating heads.

Miss Alice Eastwood, Berkeley, 4 living plants.

Mr. F. Ephraim, Torreon, Mexico, rooted plants of *Euphorbia* from Mexico.

Mr. A. F. Etter, seed of *Sanguisorba minor*.

Mr. C. N. Forbes, National City, bulbs of 6 species of plants and 23 packets of *Cupressus* seed.

Dr. F. Franceschi, Santa Barbara, 5 packets of seed.

Dr. N. L. Gardner, Los Angeles, seed of *Heteromeles arbutifolia*.

Mr. L. A. Greata, Redlands, seed of *Stephanomeria exigua*.

Mr. A. Griffin, '06, seed of *Astragalus* from Modesto.

Professor H. M. Hall, University of California, 2 packets of *Baeria* seed, 1 of *Troximon plebeium*, 1 of *Nemophila Menziesii integrifolia* and 15 other packets.

Sir Thomas Hanbury, La Mortola, Ventiglia, Italy, 2 packets of *Nicotiana* seed.

Hawaii Experiment Station, Honolulu, Hawaiian Territory, through Mr. Jacob Kotinsky, 49 packets of seed.

Mr. D. Hetzel, Guerneville, 2 packets of tobacco seed.

Dr. Ed. Janczewski, Krakau, Austro-Hungary, 7 rooted plants of *Ribes*.

Professor W. L. Jepson, University of California, rooted plants and 1 packet of seed of *Pinus Sabiniana*, 12 living plants of *Eschscholtzia crocea* and cuttings of *Populus Fremonti* from Vacaville, cuttings of *Ceanothus* from Crescent City, 22 plants from St. Helena, and 36 packets of other seed.

Mr. Kelley, Oakland, bulbs of *Lilium Kelleyanum* from Kings River Cañon.

Mr. F. B. Kellogg, '05, Millwood, seed of *Pinus Jeffreyi* and *Libocedrus decurrens*.

Professor P. B. Kennedy, Reno, Nevada, 1 packet of seed of *Atriplex Torreyi*, 1 of tobacco, 1 of *Pinus monophylla* and 1 other packet.

Dr. A. L. Kroeber, University of California, seed of *Sesbania macrocarpa* from the Colorado River, and tobacco seed.

Professor and Mrs. J. G. Lemmon, Oakland, 25 packets of seed from Mexico, 3 bulbs of *Calochortus Obispoensis* from San Luis Obispo, and seed from Guadalajara.

Mr. B. Macomber, Whiskey Town, seed of *Cupressus Macnabiana*.

Mr. J. H. Maiden, Botanic Gardens, Sydney, New South Wales, 1 packet of *Nicotiana suaveolens* seed.



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Missouri Botanical Garden, 18 cuttings of memorial rose and 2 packets of tobacco seed.

Mr. W. H. Morse, Santa Barbara, cuttings of *Yucca gigantea*.

Mrs. Mouser, Berkeley, seed of pomegranate melon from Kentucky.

Miss Frida Niedermüller, '11, Santa Barbara, seed of *Quercus suber* and *Cunninghamia sinensis*.

Professor W. J. V. Osterhout, University of California, 2 bulbs.

Miss L. L. Perrine, Valley City, North Dakota, rooted plants of *Vaccinium ovatum* and *Sedum spathulifolium* from Mt. Tamalpais and 2 living plants from Ashland, Oregon.

Mr. J. H. Petersen, Dixon, living plants of *Lippia*.

Professor C. V. Piper, Washington, D. C., seeds of *Pueraria Thunbergiana*.

Dr. C. A. Purpus, University of California, living plants of *Millaria* and *Brassica verrucosa* from Mexico, seed of *Eupatorium leucocephalum* from Mexico, and 3 other packets.

Mr. F. M. Reed, Riverside, seed of *Oenothera* and 1 packet of tobacco seed.

Mr. H. V. Reeves, Alameda, selected plants of large blue huckleberry from New York.

Mr. E. Sapir, University of California, 1 packet of *Nicotiana* seed.

Mr. John Schar, San Fernando, living plant of *Clanthus*.

Mr. E. E. Schellenger, Neighbours, seed of *Nicotiana trigonophylla* and *Acacia greggii*.

Miss K. O. Sessions, '81, San Diego, seeds of *Quercus aragoni* and cuttings of *Hakea elliptica*.

Mr. Shamel, Bureau of Plant Industry, Washington, D.C., 18 plants of *Nicotiana*.

Mrs. J. Spencer, Placerville, 1 packet of seed.

Dr. Stapf, Kew, England, seeds of *Capsella Heegeri*.

United States Department of Agriculture, through August Mayer, Chico, 6 living plants.

United States National Museum, through Dr. J. N. Rose, 41 living *Crassulaceae* and 20 other living plants.

Villa Thuret, Antibes, Alpes-Maritimes, 6 packets of *Nicotiana* seed.

Mrs. C. M. Wilder, Riverside, 4 packets of seed.

Mr. R. D. Williams, Redlands, 3 packets of seed of *Godetia*.

Mr. William H. Wolters, Berkeley, rooted plants of *Diervilla hybrida*, potted plants of *Forssythia viridissima*, 4 living plants, and 7 packets of seed.

(Total number of specimens received by gift from July 1, 1906, to July 1, 1908, for the Botanic Garden, 754.)



FOR THE BOTANICAL MUSEUM.

Professor E. B. Babcock, University of California, 3 specimens of fruit, 4 bottles of liquid material, and one set of selected nuts of the "walnut-oak hybrid," also 50 walnuts from Southern California.

Mr. Ernest Braunton, Los Angeles, 1 photograph.

Mr. A. L. Bolton, Berkeley, a large stock supply of redwood and douglas spruce cones.

Mrs. Elwood Cooper, Ventura County, 1 painting and 1 photograph.

Mr. H. R. Derling, Los Angeles, specimens of yellow Christmas berries.

Judge John Garber, Berkeley, 40 cones of cedar of Lebanon.

Carl C. Gross, Los Angeles, seeds and hulls of Ceiba.

Miss C. M. Hoak, '00, Ashland, Oregon, a collection of oak galls.

Mr. L. E. Hunt, University of California, samples of paper and pulp, exhibiting method of manufacture.

Professor W. L. Jepson, University of California, pine cones as follows: 9 of *Pinus attenuata*, 2 of *P. Coulteri*, 6 of *P. radiata*, 10 of *P. ponderosa*; also 1 specimen of wood.

Mr. F. B. Kellogg, '05, Millwood, 3 cones of *Pinus monticola*, fruiting branch of *Libocedrus*, and other specimens.

Professor P. B. Kennedy, Reno, Nevada, 3 pine cones.

Mr. E. J. Lawton, Los Angeles, sample of rubber made from Guayule by the Moctezuma Rubber Company.

Mr. C. W. McKee, San Diego, specimens of Pareira root from Honduras.

Mr. C. H. Metteer, Live Oak, capsules of thorn-apple.

Mrs. S. M. Moore, Chico, 20 plates of specially prepared Alaskan plants, made by the late Mrs. Carrie Nevada Powers (née West.)

Miss Gertrude Neely, Bagnio, Benguet, Philippine Islands, with Miss Agnes Pader, '07, 8 cones of Monterey Pine.

Mr. S. J. Osgood, Fair Oaks, section of wood of California nutmeg.

Miss Agnes Pader, '07, with Miss Gertrude Neely, 8 cones of Monterey Pine.

Mr. William B. Parker, '09, set of Perry tree pictures.

Mr. Carl Purdy, Ukiah, 1 specimen of *Oenothera caespitosa*.

Mrs. K. J. Stirring, Etna Mills, 1 pine cone and leaves.

Mr. A. H. Weber, Berkeley, 1 museum specimen.

Mr. Alfred V. Wepfer, Oroville, 3 gourds.

(Total number of plants received by gift from July 1, 1906, to July 1, 1908, for the Botanical Museum, after deducting for entries counted twice, 185. Grand total of donations to the department between these dates, after deducting for entries counted twice, 114,975.)

GIFTS TO THE DEPARTMENT OF CIVIL ENGINEERING,  
1906-1908.

Ten framed pictures, size 22"×37", gift of the Atchison, Topeka, & Santa Fe Railway and the Baldwin Locomotive Works.

Four framed pictures of the Singer building, New York City, size 32"×48", gift of the Singer Manufacturing Company.

One picture of the Singer building, size 32"×48", gift of Milliken Brothers.

Twenty-three framed pictures, size 22"×28", gift of the Southern Pacific Railroad.

One framed picture, size 28"×32", gift of the American Bridge Company.

Plans and specifications of Bridges, gift of F. B. Crocker, '04, City Engineer's Office, Los Angeles.

Typical plans of plate girder and riveted connected bridges, gift of the Phoenix Bridge Company.

Complete structural steel plans of the Humboldt Bank Building, San Francisco, gift of Milliken Brothers.

Architectural plans of the Humboldt Bank Building, San Francisco, gift of Architect F. H. Meyer.

Typical plans of reinforced concrete buildings, San Francisco, gift of the Woodruff Construction Company.

Complete plans of reinforced concrete buildings for the Great Atlantic and Pacific Tea Company, Jersey City, N. J., gift of the Turner Construction Co.

Numerous small sets of engineering plans from different companies; also sets of specifications and about 100 unmounted pictures suitable for framing.

One thirty-four foot flag pole with accessories, an American flag and a University of California pennant for Camp California, value about \$35, gift of the Engineering students attending the 1908 Summer School of Surveying. Mr. Albert Bonnheim of Sacramento contributed \$10.00 to the fund.

Collection of large photographs exhibiting new San Francisco buildings during construction, gift of the Clinton Fire Proofing Company.

GIFTS TO THE IRRIGATION DEPARTMENT.

One Grant-Mitchell Current Meter, donated by the Department of Victorian Water Supply, Melbourne, Australia.

Lithographs and specifications of irrigation structures, donated by the Department of Victorian Water Supply, Melbourne, Australia.

One pressure gate and two water valves used for pipe irrigation systems, donated by Kellar & Thomason, Covina, California.

Maps of arid states and territories, with the exception of Oregon, Montana, and Oklahoma, donated by the Department of the Interior, General Land Office, Washington, D.C.

Plans, specifications, and annual reports of the Reclamation Service, donated by the Reclamation Service, Washington, D.C.

Map of Central California, donated by the California Gas and Electric Corporation, San Francisco, California.

Sample of 26" redwood stave pipe, donated by the Excelsior Wooden Pipe Company, San Francisco, California.

Blue prints of Reinforced Concrete Irrigation Structures in Colorado, donated by Mr. T. W. Jaycox, State Engineer, Colorado.

## DEGREES, SCHOLARSHIPS, AND MILITARY COMMISSIONS.

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### Degrees.

For a complete list of the degrees conferred on December 21, 1907, and May 12, 1908, see the University of California Register for 1908-09.

### Scholarships.

For a list of the recipients of scholarships for 1907-08, see the commencement programme for 1907.

For a list of the recipients of scholarships for 1908-09, see the University of California Register for 1908-09.

### Military Commissions.

For a list of the recipients of military commissions for 1907-08, see the University of California Register for 1908-09.

### University Medal.

The University Medal for 1908, on recommendation of the Academic Council and by vote of the Regents on May 12, was conferred upon Arthur Carl Alvarez.

## STATISTICS FOR 1907-08.

## SALARY ROLL FOR 1907-1908.

Salaries are for the year from July 1, 1907, to June 30, 1908, unless otherwise stated.

## ADMINISTRATION.

Benj. I. Wheeler, President .....	\$10,000.00	
V. H. Henderson, Acting Secretary and Land Agent. On leave of absence from July 1, 1907, to Nov. 12, 1907, without pay. Nov. 13, 1907, to June 30, 1908, at \$2,700 .....	1,710.00	
Carl C. Plehn, Acting Secretary, July 1, 1907, to Nov. 12, 1907, at \$2,700 .....	990.00	
C. E. Snook, Attorney for the Board of Regents, July 1, 1907, to June 9, 1908, at \$2,400 .....	2,256.66	
F. A. Cutler, Attorney for the Board of Regents, June 9, 1908, to June 30, 1908, at \$2,400 .....	143.34	
H. L. Wright, Clerk .....	900.00	
H. E. Gibson, Accountant .....	2,400.00	
James Sutton, Recorder .....	2,000.00	
Florence H. Fortson, Assistant to the Recorder .....	1,000.00	
R. P. Merritt, President's Secretary, Sept. 1, 1907, to June 30, 1908, at \$1,400 .....	1,166.60	
F. P. Griffiths, President's Secretary, July 1, 1907, to Aug. 31, 1907, at \$1,400 .....	233.32	
F. C. Stevens, President's Stenographer .....	1,080.00	
Helen E. Cooper, Appointment Secretary .....	1,099.92	
May L. Cheney. On leave of absence for year without pay.		
Gurden Edwards, Assistant to Appointment Secretary .....	600.00	
Maud Percival, Clerk to Appointment Secretary .....	720.00	
Albert H. Allen, Manager of the University Press .....	1,400.00	
E. A. Hugill, Superintendent of Grounds and Buildings .....	1,600.00	
Janitors .....	22,717.90	\$52,017.74

## UNIVERSITY LIBRARY.

J. C. Rowell, Librarian .....	2,700.00
J. D. Layman, Assistant Librarian, July 1, 1907, to Aug. 31, 1907, at \$1,700 .....	283.32
Anna K. Fossler, Classifier .....	1,150.00
A. B. Smith, Head of Order Department .....	1,400.00
Ulrich Graff, Head of Circulation Department .....	1,100.00
Pauline Gunthorp, Head Cataloguer .....	950.00
B. J. Barker, Cataloguer .....	900.00

Carried forward ..... \$8,483.32      \$52,017.74



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<i>Brought forward</i> .....	\$8,483.32	\$52,017.74
Louise W. Katz, Cataloguer .....	900.00	
Lillian Burt, Accessions Cataloguer .....	900.00	
Elizabeth M. Haskell, Clerk to the Librarian .....	900.00	
R. C. Woodmansee, Shelf Assistant .....	900.00	
W. K. Porter, Assistant in Library .....	600.00	
A. W. Rosenmuller, Mail and Binding Assistant .....	850.00	
F. M. Bumstead, General Assistant .....	900.00	
H. R. Mead, Reference Librarian .....	1,400.00	
H. G. Sheldon, Shelf Assistant, Sept. 1, 1907, to June 30, 1908, at \$840 .....	700.00	\$16,533.32

## UNIVERSITY PRINTING OFFICE.

J. W. Flinn, Superintendent .....	2,000.00	\$2,000.00
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## DEPARTMENT OF AGRICULTURE.

E. J. Wickson, Acting Director Experiment Station and Professor Agricultural Practice from July 1, 1907, to Sept. 10, 1907, at \$3,500 per annum; Director of Experiment Station and Professor Agricultural Practice from Sept. 10, 1907, to Oct. 8, 1907, at \$4,000 per annum; Director of Experiment Station and Professor of Agriculture from Oct. 8, 1907, to June 30, 1908, at \$4,000 per annum .....	3,904.12	
Leroy Anderson, Professor Agricultural Practice and Superintendent of University Farm Schools, Jan. 1, 1908, to June 30, 1908, at \$3,000 .....	1,500.00	
M. E. Jaffa, Associate Professor Nutrition, in charge of Laboratory Agricultural Chemistry and Poultry Station, July 1, 1907, to Dec. 31, 1907, at \$2,000. Associate Professor Nutrition, without salary from Jan. 1, 1908, to June 30, 1908 .....	1,000.00	
G. E. Colby, Assistant Professor Agricultural Chemistry.....	1,600.00	
F. T. Bioletti, Assistant Professor Viticulture, July 1, 1907, to Dec. 31, 1907, at \$1,800 .....	900.00	
D. R. Hoagland, Assistant in Agricultural Laboratory, Nov. 15, 1907, to June 30, 1908, at \$1,000 .....	625.00	
E. W. Hilgard, Emeritus Professor of Agriculture .....	2,666.64	
M. E. Stover, Assistant in Agricultural Laboratory .....	720.00	
D. L. Bunnell, Clerk to Director Agr. Exper. Station .....	1,000.00	
R. E. Mansell, Instr. Horticulture, in charge Agr. Grounds....	1,200.00	
N. D. Ingham, Foreman Santa Monica Forestry Station .....	900.00	
J. T. Bearss, Foreman Tulare Sub-Station.....	900.00	
J. W. Mills, Assistant in Horticulture, in charge Cultural Experiments in Southern California .....	1,500.00	
R. H. Loughridge, Associate Professor Agricultural Geology and Agricultural Chemistry .....	2,000.00	
C. W. Woodworth, Associate Professor Entomology.....	2,400.00	
H. J. Quayle, Assistant Professor in Entomology.....	1,500.00	

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*Carried forward* ..... \$24,315.76      \$70,551.06

# Salary Roll for 1907-08.

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<i>Brought forward</i> .....	\$24,315.76	\$70,551.06
G. W. Shaw, Assistant Professor Agricultural Technology, in charge of Cereal Stations .....	1,800.00	
C. M. Haring, Instructor in Veterinary Science and Bacte- riology .....	1,400.00	
R. E. Smith, Associate Professor Plant Pathology .....	2,400.00	
H. J. Ramsey, Assistant Plant Pathology.....	1,200.00	
T. F. Hunt, Assistant Plant Pathology.....	1,200.00	
Elizabeth H. Smith, Assistant Plant Pathology.....	900.00	
E. B. Babcock, Instructor Plant Pathology.....	1,500.00	
E. W. Major, Assistant Professor Animal Industries and Manager of University Farm .....	1,800.00	
H. C. Holm, Assistant in Zymological Technology.....	900.00	
John C. Burd, Instructor Agricultural Chemistry.....	1,600.00	
P. L. McCreary, Assistant Fertilizer Control.....	1,200.00	
C. O. Smith, Assistant Plant Pathology.....	1,080.00	
G. W. Lyons, Assistant in Soil Laboratory.....	780.00	
C. Westergaard, Instructor Farm Mechanics .....	900.00	
A. J. Gaumnitz, Assistant Cereal Laboratory.....	1,200.00	
Rachael Corr, Assistant in Cereal Station Work, Oct. 1, 1907, to June 30, 1908, at 1,000.....	750.00	
E. H. Hageman, Instr. in Dairying and Manager of Univ. Farm Creamery, Sept. 1, 1907, to June 30, 1908.....	1,333.30	
R. Benton, Student Assistant Entomology. From July 1, 1907, to Sept. 15, 1907, at \$600 per annum; from Sept. 15, 1907, to June 30, 1908, at \$900 .....	837.50	
M. E. Sherwin, Assistant in Cereal Investigations, Feb. 1, 1908, to June 30, 1908, at \$1,000 .....	416.65	
F. L. Yeaw, Assistant in Plant Pathology, Jan. 1, 1908, to June 30, 1908, at \$1,200 .....	600.00	
E. J. Lea, Instructor in Agricultural Chemistry, Jan. 1, 1908, to June 30, 1908, at \$1,500 .....	750.00	\$48,863.21
J. S. Hunter, Field Assistant in Mosquito Studies in San Mateo County. Without salary. Appointed April 14, 1908.		
Earl Morris, Field Assistant in Santa Clara County, in a study of the history of the California peach root borer and treatment thereof. Without salary. Appointed April 14, 1908.		
W. H. Volck, Field Assistant in Monterey County, in con- trol of the potato worm, and in Santa Cruz County in a special study of the control measures for the woolly aphis. Without salary. Appointed April 14, 1908.		

## DEPARTMENT OF ANATOMY.

Irving Hardesty, Associate Professor Anatomy.....	2,400.00	
R. O. Moody, Assistant Professor in Anatomy.....	1,800.00	
A. Lee, Assistant in Anatomy, July 1, 1907, to Jan. 31, 1908, at \$700 .....	408.31	
Edw. F. Miller, Technical Assistant in Anatomy .....	900.00	\$5,508.31

*Carried forward* ..... \$124,922.58

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*Brought forward* ..... \$124,922.58

DEPARTMENT OF ANTHROPOLOGY.

F. W. Putnam, Prof. and Dir. of Museum of Anthropology .....	4,000.00	
A. L. Kroeber, Asst. Prof. and Sec. of Dept. Anthropology .....	1,800.00	
P. E. Goddard, Assistant Professor Anthropology .....	1,600.00	
S. A. Barrett, Museum Assistant, July 1, 1907, to Sept. 30, 1907, at \$1,200. On leave without pay from Oct. 1, 1907, to June 30, 1908 .....	300.00	
Edward Sapir, Research Assistant .....	600.00	
E. G. Field, Stenographer .....	780.00	
A. Poyser, Preparator .....	840.00	
A. Warburton, Preparator .....	840.00	
T. T. Waterman, Museum Assistant .....	600.00	
J. C. Merriam, Assoc. Prof. of Palaeontology and Historical Geology .....	500.00	\$11,860.00

DEPARTMENT OF ARCHITECTURE.

John G. Howard, Professor Architecture .....	4,000.00	
H. W. Seawell, Instructor in Water-coloring and Pen and Ink Drawing .....	400.00	
M. Earl Cummings, Instructor in Modeling .....	200.00	
W. C. Hays, Assistant in Architecture .....	720.00	5,320.00

DEPARTMENT OF ASTRONOMY.

A. O. Leuschner, Professor Astronomy and Director of Stu- dents' Observatory .....	2,700.00	
R. T. Crawford, Asst. Prof. Practical Astronomy .....	1,500.00	
W. F. Meyer, Assistant in Astronomy, Jan. 1, 1908, to June 30, 1908, at \$600 .....	300.00	
S. Einarson, Assistant Practical Astronomy .....	600.00	
H. K. Palmer, Asst. in Astronomy, Sept. 23, 1907, to Nov. 23, 1907, at \$600 .....	100.00	5,200.00

DEPARTMENT OF BOTANY.

W. A. Setchell, Professor Botany .....	3,000.00	
W. L. Jepson, Assistant Professor Botany .....	1,800.00	
H. M. Hall, Instructor Botany and Assistant Botanist to Agricultural Experiment Station .....	1,200.00	
M. B. Nichols, Assistant Botany .....	720.00	
Geo. Grube, Janitor and Mechanic .....	720.00	
W. J. V. Osterhout, Assistant Professor Botany .....	1,800.00	9,240.00
C. A. Purpus, Botanical Collector, without pay.		

*Carried forward* ..... \$156,542.58

# Salary Roll for 1907-08.

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*Brought forward* ..... \$156,542.58

## DEPARTMENT OF CHEMISTRY.

W. B. Rising, Professor Chemistry .....	3,300.00	
E. O'Neill, Professor Inorganic Chemistry .....	2,700.00	
H. C. Biddle, Assistant Professor Chemistry .....	1,400.00	
F. G. Cottrell, Asst. Prof. Physical Chemistry. On leave without pay from Jan. 1, 1908, to June 30, 1908 .....	700.00	
Edward Booth, Instructor Chemistry .....	1,100.00	
Chas. Gilman, Assistant Chemistry .....	1,000.00	
J. A. Madsen, Laboratory Mechanic .....	1,000.00	
W. C. Morgan, Assistant Professor Chemistry .....	1,400.00	
W. C. Blasdale, Assistant Professor Chemistry .....	1,400.00	
T. B. Robertson, Asst. Prof. of Physical Chemistry, Jan. 1, 1908, to June 30, 1908, at \$1,400 .....	700.00	14,700.00

## DEPARTMENT OF CIVIL ENGINEERING.

Frank Soulé, Professor Civil Engineering .....	3,300.00	
Chas. Derleth, Jr., Assoc. Prof. Structural Engineering.....	2,700.00	
W. C. Willard, Instructor Civil Engineering .....	1,200.00	
F. H. Tibbetts, Instructor Civil Engineering .....	1,100.00	
Val. Arntzen, Expert Mechanic in Civil Eng. Lab. ....	900.00	
A. K. McCampbell, Instructor Civil Engineering .....	720.00	
L. E. Hunt, Lecturer in Civil Engineering .....	500.00	
Nettie Meek, Clerk .....	840.00	
Chas Gilman Hyde, Assoc. Prof. Sanitary Engineering .....	2,100.00	13,360.00

## DEPARTMENT OF DRAWING.

H. Kower, Assistant Professor Drawing .....	2,000.00	
W. J. Wythe, Instructor in Drawing .....	1,100.00	
C. Chapel Judson, Instructor in Drawing .....	1,000.00	
H. B. Monges, Jr., Instructor in Drawing .....	900.00	5,000.00

## DEPARTMENT OF ECONOMICS.

A. C. Miller, Flood Prof. of Political Economy and Com- merce .....	4,000.00	
H R. Hatfield, Associate Professor Accounting. On leave first half-year on two-thirds pay .....	2,083.26	
C. C. Plehn, Associate Professor of Finance .....	2,700.00	
W. C. Mitchell, Assistant Professor of Commerce .....	1,800.00	
Lincoln Hutchinson, Asst. Prof. Commerce and Advisor.....	1,900.00	
S. Litman, Instructor Commercial Practice .....	1,200.00	
Julius Klein, Flood Fellow in Commerce .....	400.00	
Lucile Eaves, Flood Fellow in Commerce .....	400.00	
Jessica B. Peixotto, Assistant Professor Sociology .....	1,000.00	15,483.26

*Carried forward* ..... \$205,085.84

<i>Brought forward</i> .....		\$205,085.84
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## DEPARTMENT OF EDUCATION.

A. F. Lange, Prof. of Theory and Practice of Education.....	3,300.00	
F. B. Dresslar, Assoc. Prof. Science and Art of Teaching....	2,100.00	
W. S. Thomas, Assistant Professor Education and Examiner of Schools .....	2,200.00	
C. E. Rugh, Acting Assistant Professor Education .....	1,500.00	
T. L. Heaton, Lecturer in Education .....	200.00	9,300.00
F. E. Farrington, Asst. Prof. Education. On leave of ab- sence for the year without pay.		

## DEPARTMENT OF ENGLISH.

C. M. Gayley, Prof. English Language and Literature. On leave of absence for the year on two-thirds pay .....	2,200.00	
C. B. Bradley, Professor Rhetoric .....	2,700.00	
Wm. D. Armes, Asst. Prof. English Literature .....	2,000.00	
C. W. Wells, Asst. Prof. English Composition .....	2,100.00	
T. F. Sanford, Asst. Prof. English Literature .....	1,500.00	
M. C. Flaherty, Assistant Professor Forensics. On leave of absence for first half-year on two-thirds pay .....	1,500.00	
W. M. Hart, Assistant Professor English .....	1,500.00	
C. D. von Neumayer, Instructor Public Speaking .....	1,500.00	
B. P. Kurtz, Instructor in English .....	1,200.00	
G. A. Smithson, Instructor English Philology .....	900.00	
B. S. Allen, Assistant in English .....	800.00	
Lucy Sprague, Asst. Prof. English and Dean of Women.....	1,200.00	19,100.00

## DEPARTMENT OF GEOGRAPHY.

George Davidson, Emeritus Professor Geography .....	700.00	
R. S. Holway, Asst. Prof. of Physical Geography .....	1,800.00	2,500.00

## DEPARTMENT OF GEOLOGY AND MINERALOGY.

A. C. Lawson, Professor Mineralogy and Geology .....	3,000.00	
J. C. Merriam, Assoc. Prof. Palaeontology and Historical Geology .....	2,000.00	
G. D. Louderback, Associate Professor of Geology .....	2,000.00	
A. S. Eakle, Assistant Professor of Mineralogy .....	1,500.00	
E. L. Stenger, Asst. in Mineralogy and Geology .....	600.00	
H. O. Wood, Instructor in Mineralogy and Geology .....	900.00	
E. L. Furlong, Laboratory Assistant .....	900.00	10,900.00

<i>Carried forward</i> .....		\$246,885.84
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# Salary Roll for 1907-08.

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*Brought forward* ..... \$246,885.84

## DEPARTMENT OF GERMAN.

H. K. Schilling, Prof. German Language and Literature.....	3,500.00	
A. Putzker, Hon. Prof. and Lecturer German Literature.....	2,000.00	
J. H. Senger, Associate Professor German .....	2,100.00	
L. J. Demeter, Assistant Professor German .....	1,400.00	
Clarence Paschall, Instructor German .....	1,200.00	
F. Winther, Instructor German .....	1,000.00	
R. Pinger, Instructor German .....	900.00	
M. Ongerth, Assistant in German .....	500.00	12,600.00

## DEPARTMENT OF GREEK.

E. B. Clapp, Prof. Greek Language and Literature. On leave of absence for 1907-08 on two-thirds pay .....	2,200.00	
Isaac Flagg, Associate Professor Greek .....	2,400.00	
J. T. Allen, Assistant Professor Greek .....	1,600.00	
I. M. Linforth, Instructor in Greek .....	1,100.00	
M. E. Deutsch, Assistant in Greek .....	750.00	8,050.00

## DEPARTMENT OF HISTORY AND POLITICAL SCIENCE.

Bernard Moses, Prof. History and Political Science .....	4,000.00	
H. Morse Stephens, Professor History and Director of University Extension .....	4,000.00	
T. R. Bacon, Professor Modern European History .....	3,000.00	
W. S. Ferguson, Assoc. Prof. Greek and Roman History.....	2,000.00	
J. N. Bowman, Assistant Professor of Mediaeval History....	1,600.00	
G. H. Roberts, Assistant Professor Political Science. On leave of absence from March 1, 1908, to May 15, 1908, with full pay .....	1,500.00	
E. I. McCormac, Instructor American History .....	1,200.00	
Jas. R. Robertson, Teaching Fellow in History .....	600.00	
R. W. Kelsey, Teaching Fellow in History .....	600.00	18,500.00

## DEPARTMENT OF HYGIENE.

G. F. Reinhardt, Prof. Hygiene and Medical Examiner. On leave of absence for first half-year on two-thirds pay at rate of \$1,500 per annum; second half-year at \$3,000 per annum .....	2,000.00	
A. F. Gillihan, Medical Examiner and Asst. in Pathology....	1,200.00	
E. S. Bancroft, Lecturer on Hygiene and Medical Examiner	1,500.00	
A. R. Ward, Asst. Prof. of Bacteriology and Director of the State Hygienic Laboratory .....	1,600.00	
Margaret Henderson, Asst. in State Hygienic Laboratory....	900.00	
Ethel Sherman, Superintendent of Nurses .....	900.00	8,100.00

*Carried forward* ..... \$294,135.84

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*Brought forward* ..... \$294,135.84

DEPARTMENT OF IRRIGATION.

Elwood Mead, Prof. Institutions and Practice of Irrigation.  
On leave of absence for year without pay.

B. A. Etcheverry, Assistant Professor Irrigation .....	1,500.00	
A. E. Wright, Instr. in Irrigation, Jan. 1, 1908, to June 30, 1908, at \$900 .....	450.00	1,950.00

DEPARTMENT OF JURISPRUDENCE.

Wm. Carey Jones, Professor Jurisprudence .....	3,300.00	
Orrin K. McMurray, Professor Jurisprudence .....	2,500.00	
G. H. Boke, Professor Jurisprudence .....	2,500.00	
A. M. Kidd, Instructor in Law .....	1,050.00	
H. W. Ballantine, Lecturer in Law .....	350.00	
Warren Olney, Jr., Lecturer in Law. On leave of absence for year without pay.		
Max Thelen, Lecturer in Law .....	350.00	10,050.00

DEPARTMENT OF LATIN.

W. A. Merrill, Prof. Latin Language and Literature .....	3,300.00	
L. J. Richardson, Associate Professor Latin .....	2,000.00	
Clifton Price, Assistant Professor Latin .....	1,500.00	
H. C. Nutting, Assistant Professor Latin .....	1,500.00	
H. W. Prescott, Asst. Prof. Classical Philology .....	2,000.00	
O. M. Washburn, Instructor in Latin .....	1,000.00	
Torsten Petersson, Instructor in Latin .....	1,200.00	12,500.00

DEPARTMENT OF LICK OBSERVATORY.

W. W. Campbell, Director and Astronomer .....	4,000.00
R. H. Tucker, Astronomer .....	2,400.00
C. D. Perrine, Astronomer .....	2,000.00
R. G. Aitken, Astronomer .....	2,000.00
J. C. Duncan, Fellow in Astronomy .....	600.00
H. C. Plummer, Fellow in Astronomy, Sept. 1, 1907, to June 30, 1908, at \$600 .....	500.00
E. A. Fath, Fellow in Astronomy .....	600.00
J. Macdonald, Engineer .....	1,050.00
G. W. Grodhaus, Carpenter, July 1, 1907, to May 6, 1908, at \$1,080 .....	917.42
J. E. Duff, Carpenter, May 7, 1908, to June 30, 1908, at \$1,080 .....	161.56
H. Bachmann, Instrument Maker, June 16, 1907, to June 30, 1908, at \$1,140 .....	1,187.50
Margaret E. French, Secretary .....	900.00

<i>Carried forward</i> .....	\$16,316.48	\$318,635.84
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# Salary Roll for 1907-08.

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<i>Brought forward</i> .....	\$16,316.48	\$318,635.84
G. A. Vogt, Janitor, July 1, 1907, to Sept. 9, 1907, at \$800	153.32	
L. E. Thurston, Janitor, Sept. 11, 1907, to June 30, 1908, at \$720 .....	578.00	
W. H. Wright, Assistant Astronomer .....	1,800.00	
J. H. Moore, Assistant Astronomer .....	1,200.00	
Sebastian Albrecht, Assistant in Astronomy .....	1,200.00	
A. M. Hobe, Carnegie Assistant, July 1, 1907, to Nov. 30, 1907, at \$840; March 1, 1908, to June 30, 1908, at \$900. On leave of absence from Dec. 1, 1907, to Feb. 29, 1908, without pay .....	650.00	
B. L. Newkirk, Carnegie Assistant, July 1, 1907, to July 31, 1907, at \$1,200 .....	100.00	
Roscoe F. Sanford, Carnegie Assistant .....	900.00	
F. Chase, Carnegie Assistant, July 1, 1907, to July 11, 1907, at \$840 .....	24.83	
Leah Allen, Carnegie Assistant, Sept. 9, 1907, to June 30, 1908, at \$750 .....	608.33	
Fredrica Moore, Carnegie Assistant, July 12, 1907, to Nov. 30, 1907, at \$840 .....	325.17	
Kevin Burns, Carnegie Assistant, July 1, 1907, to Sept. 30, 1907, at \$1,200 .....	300.00	
J. H. Odlin, Laborer .....	720.00	
H. E. Smith, Laborer, July 1, 1907, to Aug. 31, 1907, at \$670 .....	111.66	
August Schlosser, Laborer, Sept. 1, 1907, to June 30, 1908, at \$630 .....	525.00	25,512.79

## DEPARTMENT OF MATHEMATICS.

Irving Stringham, Professor Mathematics .....	3,500.00	
Geo. C. Edwards, Associate Professor Mathematics .....	1,800.00	
M. W. Haskell, Professor Mathematics .....	2,700.00	
C. A. Noble, Asst. Prof. Mathematics and Asst. Examiner. On leave of absence for year on two-thirds pay .....	1,000.00	
J. H. Tener, Instructor in Mathematics .....	1,000.00	
D. N. Lehmer, Assistant Professor Mathematics .....	1,600.00	
T. M. Putnam, Assistant Professor Mathematics .....	1,400.00	
Cora L. Williams, Assistant Mathematics, July 1, 1907, to Aug. 31, 1907, at \$720 .....	120.00	
H. M. Stager, Assistant Mathematics, Sept. 1, 1907, to June 30, 1908, at \$600 .....	500.00	
J. H. McDonald, Instructor Mathematics .....	1,200.00	
Jos. Lipke, Instructor Mathematics .....	1,000.00	
B. A. Bernstein, Instructor Mathematics .....	1,000.00	
A. J. Champreux, Instructor Mathematics .....	1,000.00	
E. F. A. Carey, Assistant Mathematics .....	600.00	
A. W. Whitney, Assistant Professor Mathematics and Insur- ance Methods. On leave, two-thirds pay .....	1,000.00	19,420.00
<i>Carried forward</i> .....		\$363,568.63

<i>Brought forward</i> .....		\$363,568.63
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## DEPARTMENT OF MECHANICS.

C. L. Cory, Mackay Professor Electrical Engineering and Director of Electric Light and Power Plant .....	4,000.00	
H. W. Reynolds, Asst. Prof. Mechanical Engineering .....	1,800.00	
J. N. LeConte, Asst. Prof. Mechanical Engineering .....	1,800.00	
G. C. Noble, Asst. Prof. in Electrical Engineering .....	1,400.00	
C. F. Gilcrest, Instructor in Electrical Engineering .....	1,000.00	
F. G. Hesse, Emeritus Professor Hydraulics .....	2,000.00	
G. E. Cox, Asst. in Mechanics and Foreman of Wood-work .....	1,200.00	
Jas. George, Asst. in Mechanics and Foreman Iron-work.....	1,200.00	
A. B. Domonoske, Assistant in Mechanical Engineering .....	900.00	
Ira E. Currier, Engineer .....	1,200.00	
W. H. Lozier, Electrician .....	1,200.00	
A. D. White, Store-keeper and Machinist .....	1,000.00	18,700.00

## DEPARTMENT OF MEDICINE.

Dr. A. A. D'Ancona, Dean .....	1,500.00	1,500.00
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## DEPARTMENT OF MILITARY SCIENCE AND TACTICS.

J. T. Nance, Professor Military Science, etc. ....	800.00	800.00
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## DEPARTMENT OF MINING.

S. B. Christy, Professor Mining and Metallurgy .....	3,800.00	
H. N. Herrick, Asst. in Mining and Mechanical Draughts- man .....	1,000.00	
Geo. Spencer, Mechanician .....	1,200.00	
E. P. Willoughby, Helper .....	900.00	
A. L. Leonard, Clerk .....	900.00	
A. W. Burbank, Storekeeper and Helper .....	900.00	
E. A. Hersam, Associate Professor Metallurgy .....	2,200.00	
W. S. Morley, Assistant Professor in Metallurgy .....	1,400.00	11,800.00

## DEPARTMENT OF MUSIC.

J. F. Wolle, Professor of Music .....	3,000.00	3,000.00
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## DEPARTMENT OF ORIENTAL LANGUAGES.

John Fryer, Agassiz Professor Oriental Languages .....	3,300.00	
Y. S. Kuno, Assistant in Japanese .....	720.00	4,020.00

## DEPARTMENT OF PATHOLOGY.

Alonzo E. Taylor, Professor Pathology. On leave of absence from April 14, 1908, to June 30, 1908, on full pay .....	3,600.00	3,600.00
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<i>Carried forward</i> .....		\$406,988.63
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# Salary Roll for 1907-08.

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Brought forward .....

\$406,988.63

## DEPARTMENT OF PHILOSOPHY.

G. H. Howison, Mills Professor Philosophy .....	4,500.00	
C. H. Rieber, Associate Professor Logic .....	2,200.00	
F. S. Wrinch, Instructor in Psychology .....	1,300.00	
H. A. Overstreet, Associate Professor Philosophy .....	2,200.00	
W. E. Hocking, Assistant Professor in Philosophy .....	1,500.00	11,700.00

## DEPARTMENT OF PHYSICAL CULTURE.

W. E. Magee, Professor Physical Culture .....	2,000.00	
Genevra E. Magee, Assistant Physical Culture .....	900.00	
J. W. Rhodes, Assistant Physical Culture .....	1,000.00	
Louisa A. Place, Assistant Physical Culture .....	600.00	4,500.00

## DEPARTMENT OF PHYSICS.

F. Slate, Professor Physics .....	3,300.00	
E. P. Lewis, Associate Professor Physics .....	2,500.00	
W. J. Raymond, Assistant Professor Physics .....	1,800.00	
E. E. Hall, Assistant Professor Physics .....	1,600.00	
T. C. McKay, Instructor Physics .....	1,200.00	
T. S. Elston, Instructor Physics .....	1,200.00	
E. O. Heinrich, Assistant Physics .....	500.00	
C. B. Walker, Assistant Physics .....	500.00	
F. A. Harvey, Assistant Physics .....	600.00	
T. A. Davidson, Assistant Physics .....	500.00	
W. R. Stamper, Mechanician .....	1,600.00	
R. B. Abbott, Assistant Physics .....	500.00	
H. W. Edwards, Assistant Physics .....	500.00	
G. O. Lieberman, Helper in Laboratory, Jan. 1, 1908, to June 30, 1908, at \$900 .....	450.00	
W. P. Roop, Assistant Physics .....	500.00	
H. H. Brown, Student Assistant, Jan. 1, 1908, to June 30, 1908, at \$300 .....	150.00	
J. H. Allen, Assistant Physics .....	500.00	
A. S. King, Instructor Physics, July 1, 1907, to Dec. 31, 1907, at \$1,200 .....	600.00	
A. W. Gray, Instructor Physics .....	1,200.00	19,700.00

## DEPARTMENT OF PHYSIOLOGY.

Jacques Loeb, Professor of Physiology .....	5,000.00	
F. W. Bancroft, Assistant Professor Physiology .....	1,400.00	
S. S. Maxwell, Assistant Professor Physiology .....	1,400.00	
El von Knaffl, Assistant Physiology, Nov. 1, 1907, to March 31, 1908, at \$600 .....	250.00	
T. B. Robertson, Instructor Physiology. On leave of absence without salary from Jan. 1, 1908, to June 30, 1908 (see Chemistry) .....	500.00	
W. F. Allen, Collector and Assistant .....	840.00	9,390.00

Carried forward .....

\$452,278.63



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<i>Brought forward</i> .....		\$452,278.63
DEPARTMENT OF ROMANIC LANGUAGES.		
J. T. Clark, Assistant Professor Romanic Languages .....	1,600.00	
S. A. Chambers, Assistant Professor French .....	1,500.00	
Robt. Dupouey, Assistant Professor French .....	1,600.00	
C. S. H. Howard, Instructor French .....	1,300.00	
G. E. Faucheux, Instructor French .....	1,300.00	
Carlos Bransby, Instructor Spanish .....	1,200.00	
J. A. Child, Instructor Italian .....	1,200.00	
E. B. Lamare, Instructor in French .....	900.00	
Alfred Solomon, Assistant in French .....	900.00	11,500.00
DEPARTMENT OF SANSKRIT.		
A. W. Ryder, Instructor Sanskrit .....	1,200.00	1,200.00
DEPARTMENT OF SEMITIC LANGUAGES.		
Wm. Popper, Assistant Professor Semitic Languages .....	1,400.00	1,400.00
DEPARTMENT OF SLAVIC LANGUAGES.		
G. R. Noyes, Assistant Professor Slavic Languages .....	1,600.00	1,600.00
DEPARTMENT OF ZOOLOGY.		
W. E. Ritter, Professor Zoology .....	2,700.00	
C. A. Kofoed, Assoc. Prof. Histology and Embryology .....	2,200.00	
H. B. Torrey, Assistant Professor Zoology .....	1,800.00	
P. Graf, Helper, July 1, 1907, to Oct. 15, 1907, at \$700.....	204.15	
R. E. Richardson, Helper, Oct. 15, 1907, to June 30, 1908, at \$700 .....	495.81	
Edna E. Watson, Assistant Zoology .....	450.00	
E. L. Michael, Assistant Zoology .....	600.00	
A. B. Streedain, Agassiz Artist .....	1,200.00	
E. J. Rigden, Agassiz Laboratory Assistant .....	1,000.00	10,649.96
DEPARTMENT OF UNIVERSITY EXTENSION.		
F. M. Clapp, Staff Lecturer .....	1,500.00	
J. D. Fletcher, Secretary University Extension .....	300.00	
Don E. Smith, Lecturer University Extension and Teaching Fellow in History .....	1,200.00	3,000.00
J. B. Landfield, Lecturer, without pay.		
F. J. Teggart, Lecturer, without pay.		
<i>Carried forward</i> .....		\$481,628.99

# Salary Roll for 1907-08.

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Brought forward .....

\$481,628.59

## DEPARTMENT OF UNIVERSITY EXTENSION IN AGRICULTURE.

J. B. Neff, Conductor of Farmers' Institutes .....	1,000.00	
W. T. Clarke, Assistant Professor Horticulture and Superintendent University Extension in Agriculture .....	1,800.00	2,800.00

## WILMERDING SCHOOL.

G. A. Merrill, Director .....	1,800.00	
Geo. F. Wood, Vice-Principal and Instructor Plumbing .....	1,800.00	
R. M. Grant, Instructor Carpentry. On leave of absence with pay from May 15 to June 15, 1908 .....	1,500.00	
Althea Chase, Instructor Industrial Art .....	1,200.00	
L. H. Werson, Instructor Brick-laying .....	1,500.00	
J. E. Maybeck, Instructor Cabinet-making .....	1,500.00	
F. L. Dodge, Instructor Electrical Work .....	1,500.00	
Julia M. Edwards, Instructor English branches .....	1,200.00	
G. P. Anderson, Instructor Mathematics .....	1,200.00	
J. McHenry, Instr. Mechanical and Architectural Drawing .....	1,500.00	
J. A. Daly, Instructor Science .....	1,350.00	
Alice E. Crowe, Office Assistant .....	810.00	
J. E. Lozier, Janitor and Machinery Attendant .....	1,000.00	
E. Welch, Assistant Carpenter, Sept 10, 1907, to Nov. 30, 1907, at \$900 .....	202.50	18,062.50

## SCHOLARSHIPS.

Phoebe Hearst Scholarships .....	2,400.00
State of California Scholarships .....	3,500.00
Levi Strauss Scholarships .....	3,500.00
Cornelius B. Houghton Scholarship .....	150.00
LeConte Memorial Fellowship .....	1,000.00
Goewey Scholarship .....	125.00
Pixley Scholarship .....	200.00
San Jose High School Scholarship .....	125.00
Paget Scholarship .....	150.00
Whiting Fellowship .....	500.00

\$514,141.09

**SUMMARY OF INCOME,**  
**July 1, 1907, to June 30, 1908.**

From Investments .....	\$220,738.48		
United States .....	54,000.00		
State of California.....	658,385.44		
	<hr/>	\$933,123.92	
Students' fees .....	\$64,767.08		
Dental Department .....	17,492.90		
Medical Department .....	7,543.45		
University Hospital .....	40,526.53		
Miscellaneous .....	31,436.25		
Receipts from Concerts, etc.....	13,496.30		
	<hr/>	175,262.51	\$1,108,386.43
Gifts for current use.....	\$55,238.96		
Gifts for architectural expenses and for building work.....	18,794.19		
	<hr/>	74,033.15	1,182,419.58
Gifts for endowments.....		244,863.45	1,427,283.03
Turning over of funds (as repayment of loans, students' deposits due to be returned, etc.).....		1,759,261.90	3,186,544.93

**SUMMARY OF EXPENDITURES,****July 1, 1907, to June 30, 1908.**

Administration .....	\$153,125.37		
Library .....	35,597.92		
Agriculture.....	131,491.06		
Other Departments.....	379,317.89		
Miscellaneous .....	27,458.76		
		\$726,991.00	
Scholarships and prizes.....		12,793.98	\$739,784.98
Summer Session .....	\$8,513.99		
Lick Observatory .....	42,049.35		
Anthropology .....	20,210.53		
Dental Department .....	13,183.56		
Medical Department (including Univer- sity Hospital) .....	61,931.24		
*Pharmacy Department .....	96.76		
		145,985.43	885,770.41
Music and Dramatic.....	\$16,332.83		
Academy of Pacific Coast History.....	3,656.25		
		19,989.08	905,759.49
Building Operations .....		123,929.45	1,029,688.94
Wilmerding Trades School.....		28,864.84	1,058,553.78
Turning over of funds (as loans, re- payment of student deposits, etc.)		1,914,134.77	2,972,688.55

**Income Available for General Educational, Administrative, and Scientific  
Purposes in 1907-08.**

Total income available for current use:			
Investments .....	\$220,738.48		
United States .....	54,000.00		
State of California.....	658,385.44		
			\$933,123.92
Students' fees .....	\$64,767.08		
Dental Department .....	17,492.90		
Medical Department .....	7,543.45		
University Hospital .....	40,526.53		
Miscellaneous .....	31,436.25		
Receipts from Concerts, etc.....	13,496.30		
			175,262.51
Gifts for current use.....			55,238.96
			<hr/>
Carried forward .....			\$1,163,625.39

\* The Pharmacy Department administers its own funds.

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<i>Brought forward</i> .....		\$1,163,625.39	
<b>Deduct:</b>			
Permanent Improvement Fund moneys.....		\$92,821.00	
Wilmerding School .....		28,655.23	
Income on Endowment added to principal:			
Alumni Association Life Mem-			
bership Fund .....	\$52.34		
Alumni Hall .....	281.78		
Class of 1886 Loan Fund.....	125.24		
Class of 1908 Loan Fund.....	24.08		
Cole Scholarship Fund.....	88.25		
Doe Library Fund.....	32,534.51		
Flood Endowment Fund.....	5,101.03		
Hitchcock Endowment Fund.....	61.67		
Medal Loan Fund.....	.74		
Men's Dormitory Fund.....	3.61		
Prytanean Hospital Fund.....	19.88		
Royer Endowment Fund.....	151.56		
Walton Loan Fund.....	211.21		
		38,655.90	
Receipts from Concerts.....		13,496.30	
State appropriations:			
University Farm .....	\$83,469.06		
Farmers' Institutes .....	6,000.00		
Lick Observatory Vault.....	9,836.85		
Hearst Avenue (Street Improve-			
ment) .....	2,867.90		
		102,173.81	275,802.24
Available for current educational, scientific,			
and administrative purposes.....			887,823.15
<b>Deduct also:</b>			
Dental Department .....		\$17,492.90	
Medical Department .....		7,543.45	
Anthropology Department .....		20,000.04	
University Hospital .....		40,526.53	
Lick Observatory .....		42,049.35	
State Appropriations: Cereal Investigation...		5,000.00	
State Appropriations: Poultry Experiment			
Station .....		1,968.48	
State Appropriations: Southern California			
Pathological Laboratory .....		22,671.89	
Donations for University Hospital.....		3,624.00	
Sales Funds:			
Agricultural Experiment Sta-			
tion .....	\$934.56		
University Farm .....	5,183.79		
Poultry Station .....	601.54		
Southern California Patholog-			
ical Laboratory .....	176.43		
		6,896.32	
			167,772.96
Available at Berkeley for general educational,			
scientific, and administrative purposes.....			\$720,050.19



## INCOME,

July 1, 1907, to June 30, 1908.

## Income on Investments:

Interest on mortgages and collateral loans.....	\$137,815.33	
Interest on loans to students from endowed funds.....	41.74	
		<hr/>
		\$137,857.07

## Interest on bonds:

State bonds (from the State).....	\$45,060.00	
Diverted funds: from the State (see act approved March 3, 1893, Stats. 1893:75, and also amendment Stats. 1899:93).....	4,785.00	
Bear Gulch Water Company.....	16,400.00	
Pacific Gas and Electric Company.....	100.00	
		<hr/>
		66,345.00

## Dividends on stocks:

E. I. du Pont de Nemours Powder Company:		
Common .....	336.00	
Preferred .....	175.00	
Kennedy Mining & Milling Co.....	3,720.00	
Mackay Companies: Preferred.....	2,816.00	
San Francisco National Bank.....	600.00	
Weinstock-Lubin Real Estate Co.: Preferred.....	325.00	
		<hr/>
		7,972.00

## Rents:

University Cottages and Palmer House (after deduction of structural and other repairs) net....	\$1,027.88	
Berkeley Pasturage (Stutt) .....	13.33	
Rooms in Mechanics Building.....	45.00	
Sixth Street Cottage—Berkeley.....	72.00	
Broadway Terrace lots—Oakland.....	24.17	
Potrero Avenue Lots—San Francisco.....	825.00	
Wilmerding School vacant block and shops.....	5,100.00	
Flood lands, Menlo Park (H. Nelson).....	700.00	
Lick Observatory lands (R. F. Morrow).....	80.00	
		<hr/>
		\$7,887.38

## Less Johnson Building:

Rents not collected.....	\$37.50	
Repair work prior to the fire.....	71.50	
		<hr/>
		109.00

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7,778.38

Carried forward ..... \$219,952.45

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Brought forward .....	\$219,952.45	
Interest at 2% per annum on daily balances in hands of Treasurer.....	1,805.52	
	<hr/>	\$221,757.97
Less proportion of income in Endowment Pool, due to Mrs. Jane K. Sather.....	1,019.49	
	<hr/>	\$220,738.48
United States:		
Morrill College Aid Fund.....	\$30,000.00	
Agricultural Experiment Station (Hatch Fund).....	15,000.00	
Adams Fund .....	9,000.00	
	<hr/>	54,000.00
State of California:		
Three-fourths of the State University Fund (tax of two cents on each \$100 of assessed valuation): remaining one-fourth is devoted to Permanent Improvements and appears under that head. (Total income from the two-cent tax was \$371,283.17) .....	278,462.17	
General Appropriation: "For the support of the University" .....	100,000.00	
Special Appropriations for Agriculture:		
Cereal Investigation .....	\$5,000.00	
Farmers' Institutes .....	6,000.00	
*Poultry Experiment Station.....	1,968.48	
*Southern California Pathological Laboratory .....	22,671.89	
*University Farm .....	83,469.06	
	<hr/>	119,109.43
Special State appropriations for various purposes:		
*Chair of Music.....	\$3,000.00	
*State Hygienic Laboratory.....	1,631.09	
\$137.32 of this collected directly from the State and the balance through the State Board of Health.		
*Hearst Avenue (street improve- ment) .....	2,867.90	
*Lick Observatory Vault.....	9,836.85	
Reimbursement for loss of income....	50,657.00	
	<hr/>	67,992.84
	<hr/>	565,564.44
Carried forward .....		\$840,302.92
*The University collects from the State after expenditures have been made. The figures shown include both the amounts already collected and the amounts on June 30, 1908, due to be collected.		
NOTE.—The total received (and receivable) from the State of California was \$658,385.44, composed of the above figure of \$565,564.44 and Permanent Improve- ment Fund \$92,821.00.		

# Income for 1907-08.

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Brought forward ..... \$840,302.92

## Students' Deposits and Fees (net):

### Deposits (balances retained for laboratory charges):

Agriculture .....	\$61.80
Bacteriology .....	360.00
Botany .....	205.00
Botany (Summer Session of 1907)....	15.00
Chemistry .....	9,181.02
Chemistry (Summer Session of 1907)	424.20
Civil Engineering .....	1,836.00
Histology .....	4.00
Mechanics .....	1,831.25
Mineralogy .....	550.00
Mining .....	2,039.05
Physics .....	4,705.75
Physics (Summer Session of 1907)....	352.00
Physiology .....	41.00
Physiology (Summer Session of 1907)	2.50
Zoology .....	391.40
Zymology .....	31.10
	<hr/>
	\$22,031.07

### Fees:

Appointment Secretary Registration fees .....	\$20.00
Armory Lockers .....	2.00
Delayed Registration for Courses....	240.00
Gymnasium .....	6,928.25
Gymnasium (Summer Session 1907)	16.50
Gymnasium (Summer Session 1908)	41.50
Infirmary .....	12,771.25
Infirmary (Summer Session 1907)....	25.00
Infirmary (Summer Session 1908)....	568.00
Non-Resident (for students from outside California) .....	3,215.00
Seminar Rooms .....	106.00
Special Examinations .....	2,260.00
Summer School of Surveying.....	2,455.15
Summer School of Surveying (Commissary Account) .....	5,049.11
Summer Session course in Manual Training, 1908 .....	38.50
Summer Session course in Physical Geography, 1907 .....	15.00
Summer Session course in Physical Geography, 1908 .....	50.00
Summer Session 1907 .....	922.00
Summer Session 1908 .....	7,918.00
Summer Session, Library Supplies....	65.00
Summer Session, Music.....	29.75
	<hr/>
	42,736.01
	<hr/>
	\$64,767.08

Carried forward ..... \$905,070.00

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<i>Brought forward</i> .....		\$905,070.00
Dental Department: Fees and Miscellaneous receipts.....		17,492.90
Medical Department: Fees and Miscellaneous receipts.....		7,543.45
University Hospital in San Francisco: Miscellaneous receipts, exclusive of donations.....		40,526.53
Miscellaneous:		
University Extension: Fees for courses.....	\$3,140.00	
Printing and Publishing:		
Charges for work done by Printing		
Office .....	\$438.40	
Sale of Publications.....	2,030.58	
Sale of Geological Publications.....	5.00	
Sale of Miss Shinn's Pamphlet.....	21.60	
Sale of "A Brief Account of Lick Observatory".....	141.09	
Sale of Tebtunis Papyri.....	473.85	
Sale of "Zoe".....	10.00	
Sale of Books.....	7.40	
		3,127.92
Agricultural Income:		
License fees and tax for inspection of commercial fertilizers .....	\$8,306.38	
Sale of Agricultural produce.....	934.56	
Sale of Farm produce.....	5,183.79	
Sale of Dairy produce.....	4,253.94	
Sale of Poultry produce.....	601.54	
Sale of Southern California Pathological produce .....	176.43	
		19,456.64
Sale of Paper Cutter.....		90.00
Sale of wood, lumber, junk, etc.....		238.57
Broken Gunstocks .....		4.60
Reimbursement for labor, materials, light and water .....	\$4,379.38	
Reimbursement for postage, stenographic work, etc. ....	50.42	
		4,429.80
Library Fines .....	\$74.10	
Infirmary Receipts for laundry, prescriptions, etc. ....	50.00	
		124.10
Wilmerding School: Director's receipts.....	824.62	
		31,436.25
Receipts from Music and Dramatic events.....		13,496.30
<i>Carried forward</i> .....		\$1,015,565.43

# Income for 1907-08.

77

Brought forward .....		\$1,015,565.43
Gifts for current use:		
Mrs. Hearst:		
Hearst Scholarships .....	\$2,400.00	
Anthropology .....	20,000.04	
Mining .....	300.00	
	<hr/>	\$22,700.04
(Not including expenditures on the Hearst Memorial Mining Building, on the further development of the Hearst Architectural Plan, etc.)		
Scholarships:		
(Mrs. Hearst as above.)		
(The University provides \$3,500.00 out of its two-cent tax.)		
Argentine Scholarship .....	521.56	
San Jose High School Scholarship....	250.00	
Levi Strauss Scholarships.....	3,500.00	
Adolph Knopf Graduate Scholarship	250.00	
Wollenberg Scholarship .....	125.00	
	<hr/>	4,646.56
Prizes:		
Bonnheim Prize .....	250.00	
Bryce Historical Essay Prize.....	100.00	
	<hr/>	350.00
Library donations for current use:		
Robert Belcher .....	50.00	
For the Spinello library.....	5.15	
Library exchange account.....	10.00	
	<hr/>	65.15
For the Lick Observatory:		
Carnegie Institution .....	4,000.00	
Wm. H. Crocker: Eclipse Expedition	3,750.00	
D. O. Mills: Southern Hemisphere Expedition .....	6,000.00	
For publication of the Barnard Photographs .....	2,225.00	
	<hr/>	15,975.00
University Hospital in San Francisco:		
Mrs. William H. Crocker.....	2,500.00	
Dr. W. W. Kerr.....	500.00	
Dr. D. W. Montgomery.....	500.00	
Dr. A. A. D'Ancona.....	95.00	
Geo. H. Roos.....	12.00	
Mrs. Jacob Stern.....	12.00	
A. L. Lengfeld.....	5.00	
	<hr/>	3,624.00
Lectures:		
Dr. M. Herzstein: for the Herzstein lectures in Scientific Medicine .....	80.00	
	<hr/>	
Carried forward .....	\$47,440.75	\$1,015,565.43



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Brought forward .....	\$47,440.75	\$1,015,565.43
LeConte Fellowship:		
Difference between amounts paid for these fellow-		
ships and amount of income produced by this		
Fund: to be made good by an alumnus.....	319.60	
Palaeontological Department:		
A Friend .....	1,200.00	
Zoology:		
For salaries: Prof. Alexander Agassiz .....	1,250.00	
San Diego Marine Biological Labora-		
tory .....	8.61	
	<hr/>	1,258.61
For Student Infirmary:		
Albert Bonnheim .....	150.00	
R. H. Loughridge .....	150.00	
E. W. Hilgard.....	150.00	
Class of 1901 .....	70.00	
	<hr/>	520.00
Academy of Pacific Coast History.....	4,500.00	
	<hr/>	55,238.96
(These gifts to the Academy were handled by		
the University as custodian of the funds in		
behalf of the Academy.)		
Gifts to meet Architectural expenses, the money being		
originally advanced by the University:		
Mrs. Hearst: architectural expenses for the year on:		
Architectural Plan (exclusive of the supervising		
Architect's salary, also given by Mrs. Hearst)	6,952.73	
Hearst Memorial Mining Building (not including		
expenditures on the building itself, all of		
which were defrayed by Mrs. Hearst).....	11,764.29	
Boalt Hall of Law Trust Fund .....	77.17	
	<hr/>	18,794.19
Income for Permanent Improvements:		
Permanent Improvement Fund (one-fourth of the two-cent tax)....		92,821.00
Gifts for Endowments:		
Alumni Hall Fund.....	1,520.00	
Alumni Life Membership Fund.....	1,360.00	
Class of 1903 Loan Fund.....	10.00	
Class of 1907 Fund.....	650.00	
Class of 1908 Fund.....	200.00	
Doe Library Fund: Further distribution of the		
estate .....	13,295.72	
Doe Library Fund: Valuation of Kennedy Mining		
and Milling Stock .....	6,000.00	
Doe Library Fund: Settlement of interest in San		
Francisco real estate .....	220,000.00	
Doe Library Fund: Refund of taxes.....	1,257.30	
Medal Loan Fund.....	268.38	
Men's Dormitory Fund.....	302.05	
	<hr/>	244,863.45
Carried forward .....		\$1,427,283.03

*Income for 1907-08.*

79

<i>Brought forward</i> .....	\$1,427,283.03
Turning over of Funds:	
Students deposits: later returned or due to be returned.....	12,621.63
Military uniforms .....	7,814.30
	<u>20,435.93</u>
Certified checks accompanying bids on contracts .....	236,253.07
Deposits on plans.....	1,050.00
	<u>237,303.07</u>
Income on properties held in trust:	
Mrs. Jane K. Sather:	
Dividends San Francisco National Bank .....	600.00
Dividends Fireman's Fund Insurance Co. ....	500.00
Rents on Oregon property.....	111.50
Insurance premium on Oregon property returned .....	3.10
Proportion of Endowment Pool....	1,019.49
Mdme. Thérèse F. Colin properties....	135.07
	<u>2,369.16</u>
Change of form of investments:	
Mortgage loans repaid.....	509,500.00
Student notes from Loan Funds.....	566.30
Sale of Broadway Terrace lots.....	2,140.00
Sale of Batchelder tract lots.....	6,962.10
Sale of Alameda property.....	12,500.00
Sale of Oregon property.....	3,500.00
Sather Banking Company dividend in liquidation .....	800.00
	<u>535,968.40</u>
Gifts of Real Estate or Improvements:	
Valuation to June 30 of Hearst Memorial Mining Building.....	588,000.00
Heating equipment in Senior Hall....	500.00
	<u>588,500.00</u>
Valuation of land at Menlo Park (Flood Endowment) .....	24,250.00
Sale of land of way to Southern Pacific Company over land at Menlo Park.....	4,200.00
Contingent Funds .....	4,700.00
Decrease of book valuations:	
Fireman's Fund stock.....	36,000.00
Johnson Building .....	40,000.00
San Francisco Institute of Art.....	264,850.00
	<u>340,850.00</u>
Clearing lot of the Johnson Building.....	100.00
Class of 1905 Fund.....	500.00
Interest on Loan Fund No. 1.....	3.15
Sundry debtors .....	82.19
	<u>1,759,261.90</u>
	<u><u>\$3,186,544.93</u></u>

**EXPENDITURES,**

July 1, 1907, to June 30, 1908.

## Administration:

Administrative salaries .....	\$53,025.46
Repairs .....	10,834.81
Site improvement .....	11,974.25
Water .....	4,130.30
Fuel .....	2,083.92
Light and Power system.....	18,449.96
Equipment .....	2,079.44
Telephone, Telegraph, and Expressage.....	2,902.72
Postage .....	1,645.22
Stationery .....	950.39
Examination of Schools.....	500.00
Auditing .....	1,225.00
Lectures .....	681.65
Publications .....	5,362.53
Printing Office .....	9,981.99

NOTE.—The cost of printing for individual departments is not included in this figure: such items have been charged to the various departments, principally as follows:

Publications .....	\$3,125.37
Flood Endowment interest.....	1,893.75
Anthropology .....	2,512.25
Music and Dramatic.....	839.25
Lick Observatory .....	464.50
Agricultural Experiment Station.....	396.00
Library .....	385.20
Dental Department .....	250.05
Medical Department .....	187.25
Astronomy .....	149.25
Summer Session .....	140.00
History .....	132.00
Mechanics .....	130.00
Diplomas .....	129.50
University Farm .....	127.00
University Extension .....	125.00
Wilmerding School .....	106.25
Chemistry Department .....	101.00
Student Infirmary .....	79.00
Fertilizer Control .....	65.50
English Department .....	63.50
Summer Session Civil Engineering....	48.50
Agriculture .....	47.00
Farmers' Institutes .....	42.00
Physical Culture .....	41.50
Miscellaneous .....	493.00

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\$12,073.62

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Carried forward ..... \$125,827.64

# Expenditures for 1907-08.

81

<i>Brought forward</i> .....		\$125,827.64
<b>Administrative Expense:</b>		
Stenographers and assistance in President's, Secretary's, Publications, Recorder's, and Appointment Secretary's offices .....	\$15,782.94	
Gas and Electricity.....	3,632.32	
Travelling expenses .....	1,165.83	
Entertaining .....	615.35	
Rent of President's House.....	870.00	
Diplomas .....	787.09	
Carriage and omnibus hire.....	135.00	
Premiums on Surety Bonds.....	313.68	
Office supplies .....	57.68	
Rent of rooms, Faculty Club.....	120.00	
Charter Day Address.....	250.00	
Insurance on boilers, ordnance stores, medical equipment, etc., all in Berkeley .....	878.75	
Legal expenses .....	190.32	
Janitors' supplies .....	774.69	
Interest on deferred payment to H. H. Bancroft .....	458.34	
Express on money from Sacramento.....	147.06	
Express, etc. on exhibit for Milan Exposition .....	118.52	
Dedication of Hearst Memorial Mining Building .....	171.20	
Installing and moving telephones.....	71.32	
Press clippings .....	94.79	
Laundry .....	67.53	
Transportation of Cadets to San Francisco and return.....	61.00	
Rent of safe deposit box.....	57.75	
Music for Charter Day.....	52.80	
Photographs, blue prints, etc., of U. C. lands .....	53.58	
Surveying U. C. lands.....	51.50	
Exchange .....	44.88	
Assessment and membership fee Association of American Universities.....	55.00	
Miscellaneous .....	218.81	
	<hr/>	
	\$27,297.73	\$153,125.37
<b>Library:</b>		
<b>Department allotment:</b>		
Salaries .....	16,333.00	
Expense .....	511.81	
Assistance .....	198.50	
Equipment .....	467.90	
Binding .....	1,541.67	
Books and periodicals.....	9,284.09	
Freight, Insurance, etc.....	1,045.68	
	<hr/>	
	29,382.65	
<i>Carried forward</i> .....	\$29,382.65	\$153,125.37

<i>Brought forward</i> .....	\$29,382.65	\$153,125.37
Bauer donation .....	9.28	
Robert Belcher donation.....	34.92	
Class of 1874 Library Fund, interest.....	3.20	
Class of 1900 Library Fund, interest.....	2.00	
Class of 1902 Library Fund, interest.....	1.92	
Ethel W. Crocker donation.....	235.89	
E. A. Denicke Library Fund, interest and donation..	87.92	
German Library .....	31.30	
Martha A. Hallidie donation.....	38.14	
Library exchange .....	2.00	
Duncan McDuffie donation.....	15.23	
James K. Moffitt donation.....	570.29	
Palmer donation .....	49.70	
Michael Reese Library Fund, interest.....	4,086.72	
Jane K. Sather Library Fund, interest.....	754.00	
Scottish Library donation.....	5.94	
Claus Spreckels donation.....	274.82	
Expenses in connection with "Sale of Zoe".....	12.00	
		35,597.92

NOTE.—Total expended for books and periodicals, including \$5,000.00, listed under "Permanent Improvement Fund," is \$20,509.36.

#### Agriculture:

Departmental allotment .....	19,446.47
Adams Act (United States).....	9,000.00
Agricultural Experiment Station (United States).....	15,000.00
Agricultural Experiment Station Sales Fund.....	2,649.21
Dairying .....	5,114.40
Fertilizer Control, exclusive of building.....	4,576.66
Lemon Rot investigation, donation for.....	483.44
Morrill College Aid Fund (United States).....	11,600.52
Poultry Experiment Station Sales Fund.....	725.04
University Extension in Agriculture.....	1,800.00
Southern California Pathological Laboratory Sales....	1,747.06

#### State appropriations for Agriculture:

For selection, etc., of University Farm, exclusive of buildings.....	\$29,945.01	
Cereal investigation .....	6,270.04	
Farmers' Institutes .....	6,000.00	
Poultry Experiment Station.....	1,968.48	
Southern California Pathological Lab- oratory, exclusive of buildings.....	15,060.18	
Viticulture, Pear and Walnut Blight .....	104.55	
	59,348.26	131,491.06

*Carried forward* ..... \$320,214.35



# Expenditures for 1907-08.

83

Brought forward ..... \$320,214.35

## Note:

The following amounts have been expended on the construction of buildings and are not included in the above figures:

Fertilizer Control Laboratory at Berkeley.....	2,472.12
University Farm: buildings at Davis.....	53,524.05
Southern California Pathological Laboratory buildings at Whittier.....	7,611.71
	<u>\$63,607.88</u>

Anatomy .....		\$5,508.31
Architecture .....		6,260.14
Astronomy—Berkeley Department .....		6,038.53
Botany:		
Departmental allotment .....	\$10,440.00	
Morrill College Aid Fund.....	1,800.00	
		<u>12,240.00</u>
Chemistry:		
Departmental allotment .....	23,934.14	
Morrill College Aid Fund.....	2,799.84	
		<u>26,733.98</u>
Civil Engineering:		
Departmental allotment .....	12,959.84	
Morrill College Aid Fund.....	2,100.00	
		<u>15,059.84</u>
Drawing .....		5,037.23
Economics:		
Departmental allotment .....	1,796.25	
Flood Endowment Fund, interest.....	16,146.05	
		<u>17,942.30</u>
Education .....		9,563.40
English .....		20,270.54
Geography .....		2,799.96
Geology and Mineralogy:		
Departmental allotment .....	11,619.63	
Palaeontology .....	200.00	
Donation to Palaeontology.....	1,642.25	
		<u>13,461.88</u>
German .....		12,949.64
Greek .....		8,199.84
History and Political Science.....		20,054.97
Hygiene:		
Departmental allotment .....	3,475.02	
Morrill College Aid Fund.....	1,599.96	
State appropriation .....	1,631.09	
		<u>6,706.07</u>
Carried forward .....		<u>\$509,040.98</u>

<i>Brought forward</i> .....		\$509,040.98
Irrigation .....		2,149.22
Jurisprudence .....		10,049.76
Latin .....		12,794.04
Mathematics .....		20,001.16
Mechanics:		
Departmental allotment .....	18,194.15	
John W. Mackay, Jr., Endowment Fund, interest.....	3,441.86	
Morrill College Aid Fund.....	4,199.88	
		25,835.89
Military Science and Tactics.....		2,126.79
Mining:		
Departmental allotment .....	12,154.52	
Morrill College Aid Fund.....	3,599.88	
Donation by Mrs. Hearst.....	300.00	
		16,054.40
Music:		
Departmental allotment .....	223.60	
State appropriation .....	3,000.00	
		3,223.60
Oriental Languages:		
Departmental allotment .....	1,235.73	
Tompkins Endowment Fund, interest.....	2,829.47	
		4,065.20
Pathology .....		3,600.00
Philosophy:		
Departmental allotment .....	4,736.85	
D. O. Mills Endowment Fund, interest.....	8,015.95	
		12,752.80
Physical Culture .....		5,972.37
Physics:		
Departmental allotment .....	22,399.40	
Morrill College Aid Fund.....	2,299.92	
		24,699.32
Physiology:		
Departmental allotment .....	11,689.74	
Donation for lectures, Dr. Herzstein.....	580.00	
Donation for Physiological Laboratory, Dr. Herzstein	156.85	
		12,426.59
Romanic Languages .....		13,351.91
Sanskrit .....		1,200.00
Semitic Languages .....		1,399.92
Slavic Languages .....		1,599.96
University Extension .....		4,972.80
Zoology:		
Departmental allotment .....	10,015.57	
Agassiz donation for salaries.....	2,199.96	
		12,215.53
<i>Carried forward</i> .....		\$699,532.24

# Expenditures for 1907-08.

85

Brought forward .....		\$699,532.24
Miscellaneous:		
Student Infirmary:		
Equipment and running expenses.....	12,368.04	
Prytanean Fund, interest.....	88.00	
		12,456.04
Painting Buildings .....		5,803.60
Re-wiring buildings .....		3,006.18
Gymnasium Fees, purchases from:		
Towels purchased .....	1,294.17	
Laundry .....	898.96	
Soap granulators .....	137.45	
Soap for granulators.....	47.52	
Laundry hampers .....	92.22	
Shelves for towels.....	42.53	
Purozone .....	37.50	
Installing soap machines.....	6.20	
Boats and oars for training crews	284.19	
Frosting windows and repairs to		
showers .....	92.40	
Cleaning off tennis courts.....	3.84	
		2,936.98
Bancroft Library expense.....		952.45
Miscellaneous litigation expenses.....		589.31
Weinstock Lectures .....		412.50
Affiliated Colleges repairs.....		387.81
Tebtnis Papyri: duty.....		330.20
Miss Shinn's Pamphlet (publication).....		215.74
University Medal .....		267.00
Paid to A. C. Miller for three lectures.....		75.00
Keys for Seminar rooms.....		14.00
Short in cash.....		6.45
Refunded to State Treasurer for sale of Geological		
Publications .....		5.00
Amount paid into Court: Kizer vs. Arnold.....		.50
		27,458.76
Scholarships and Prizes:		
State of California Scholarships.....	3,500.00	
Argentine Scholarship .....	521.56	
Bonnheim Prize .....	250.00	
Bryce Historical Essay Prize.....	200.00	
Goewey Scholarship .....	125.00	
Hearst Scholarships .....	2,400.00	
Houghton Scholarship .....	150.00	
LeConte Fellowship .....	1,000.00	
Paget Scholarship .....	150.00	
Philo Sherman Bennett Prize.....	22.50	
Pixley Scholarship .....	200.00	
Primary Election Prize.....	150.00	
San Jose Scholarship.....	125.00	
Levi Strauss Scholarships.....	3,500.00	
Whiting Fellowship .....	499.92	
		12,793.98
Carried forward .....		\$739,784.98

Brought forward .....		\$739,784.98
Summer Session:		
Session of 1907.....	452.71	
Session of 1908.....	1,092.45	
Summer School of Civil Engineering.....	3,207.68	
Summer School of Civil Engineering: Commissary....	3,761.15	
		<hr/> 8,513.99
NOTE.—Total net receipts of Summer Session 1907, were \$7,396.45 and total expenditures \$12,123.14.		
Lick Observatory:		
Departmental allotment .....	27,308.10	
From gifts:		
Carnegie Institution .....	3,110.20	
Wm. H. Crocker Eclipse Expedition .....	4,044.94	
Draper Fund (National Academy of Sciences) .....	10.00	
Hearst donation .....	16.50	
Donation for Keeler volume.....	980.86	
D. O. Mills Southern Hemisphere Expedition .....	6,578.75	
	<hr/> 14,741.25	
		<hr/> 42,049.35
Anthropology:		
Charges against donation by Mrs. Hearst.....	19,460.53	
Ethel W. Crocker donation for Mexican Archaeological Research .....	750.00	
		<hr/> 20,210.53
Dental Department:		
Running expenses .....	13,158.06	
Re-equipment of Infirmary under State appropriation passed at Special Session 1906.....	25.50	
		<hr/> 13,183.56
Medical Department:		
Running expenses .....	13,039.49	
Re-equipment of dispensary under State appropriation passed at Special Session 1906.....	62.89	
Breakages made good under State appropriation passed at Special Session 1906.....	200.00	
	<hr/> \$13,302.38	
University Hospital in San Francisco: equipment, maintenance, etc. ....	48,628.86	
		<hr/> 61,931.24
Pharmacy Department:		
Breakage, etc., made good under State appropriation passed at Special Session 1906.....		96.76
Music and Dramatic performances.....		16,332.83
Academy of Pacific Coast History.....		3,656.25
		<hr/> \$905,759.49
Carried forward .....		

# Expenditures for 1907-08.

87

Brought forward .....		\$905,759.49
Building operations:		
State appropriations:		
Hearst avenue improvement.....	2,867.90	
Lick Observatory Power Plant.....	54.23	
Lick Observatory Vault.....	9,836.85	
Affiliated Colleges repairs.....	276.45	
University Farm buildings at Davis.....	53,524.05	
Southern California Pathological Laboratory buildings at Whittier.....	7,611.71	
	<hr/>	\$74,171.19
Dairy Barn, Berkeley.....	1,236.28	
Fertilizer Control Laboratory, Berkeley.....	2,472.12	
Heating system in Senior Hall.....	500.00	
Permanent Improvement Fund:		
Architectural Building .....	1,993.92	
California Hall.....	1,126.03	
California Hall equipment.....	4,058.29	
California Hall repairs.....	448.30	
Cement sidewalks .....	596.25	
Creek water main.....	1,826.55	
Duckworth Tract (Lick Observatory) .....	317.67	
Electric construction on campus .....	1,573.60	
Electric light and power construction .....	9,624.73	
Entomological Laboratory.....	566.55	
Fire protection of apparatus.....	522.80	
Greek Theatre inscription.....	150.30	
Harmon Gymnasium new dressing rooms .....	178.30	
Hearst Memorial Mining Building equipment .....	1,730.12	
Hearst Memorial Mining Building heat and light connections.....	53.52	
Heating system .....	5,720.09	
Hygiene and Pathological Building....	2.40	
Landscape Gardening .....	726.00	
Library books .....	5,000.00	
Mechanics' Building alterations.....	327.65	
Mechanics' Building, transformers and motor generator set.....	2,526.30	
Mining and Civil Engineering Build- ing alterations .....	2,347.51	
Mining Building Herbarium.....	14.85	
Printing Office Bindery.....	347.54	
Printing Office, removal and equip- ment .....	2,140.80	
President's House .....	1,267.60	
Tennis and Hand-ball Courts.....	8.82	
Zoology Cases .....	325.20	
Zoology Museum .....	28.17	
	<hr/>	45,549.86
		123,929.45
Carried forward .....		\$1,029,688.94



*Brought forward* ..... \$1,029,688.94

NOTE.—The clearing of lots, etc. of the Johnson and Sacramento buildings, and the expenditures on the erection of the Doe Library are shown under "Turning Over of Funds."

Wilmerding School:

Running expenses .....	23,366.99
New building .....	5,497.85

28,864.84

Turning over of Funds:

Jane K. Sather Funds:

Sather Chair Fund, interest, Mrs. Sather .....	806.62
Sather Chair Fund, interest, taxes, Ashland .....	286.82
Sather Law Library Fund, interest, Mrs. Sather .....	835.79
Commission and expenses on sale of Alameda property .....	377.65
Commission and expenses on sale of Oregon property .....	195.00
	<hr/> 2,501.88

Students' deposits returned.....	12,347.18
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Architectural expenses advanced by the University, but ultimately to be defrayed by donations:

Hearst Architectural Plan.....	5,878.58
Hearst Memorial Mining Building....	9,977.20
Doe Library Building.....	44,707.53
Boalt Hall of Law.....	4.30
	<hr/> 60,567.61

Military uniforms .....	7,719.29
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Certified checks accompanying bids on contracts returned to contractors.....	235,708.07
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Deposits on plans.....	995.00
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Bills receivable:

Mortgage and collateral loans.....	\$625,000.00
Class of 1886 Loan Fund.....	465.00
Class of 1903 Loan Fund.....	400.00
Walton Memorial Loan Fund.....	175.00
	<hr/> 626,040.00

Contingent Fund .....	700.00
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Improvements, etc. on buildings, etc., held as investments:

Clearing of lots, etc., Johnson building	10.10
Clearing of lots, etc., Sacramento building .....	8,085.13
Broadway Terrace lots, Oakland:	
Street assessment, fencing, etc.	97.23
	<hr/> 8,192.46

<i>Carried forward</i> .....	\$954,771.49	\$1,058,553.78
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# *Receipts—Revenue Account.*

89

<i>Brought forward</i> .....	\$954,771.49	\$1,058,553.78
Valuation of properties:		
Kennedy Mining and Milling Co. stock	6,000.00	
Flood lands, Menlo Park.....	24,250.00	
Hearst Memorial Mining Building....	588,000.00	
	<hr/>	618,250.00
Decrease of book valuations:		
Johnson Building .....	40,000.00	
Mark Hopkins Institute of Art (now the San Francisco Institute of Art) .....	264,850.00	
Fireman's Fund Insurance Co. stock	36,000.00	
	<hr/>	340,850.00
Return of redemption, Lot 27, Block H, Broadway Terrace .....	20.00	
Share of expenses of Doe Estates Company.....	157.94	
Interest on Loan Fund No. 1.....	3.15	
Sundry debtors .....	82.19	
	<hr/>	1,914,134.77
		<hr/>
		<u>\$2,972,688.55</u>

## **RECEIPTS—REVENUE ACCOUNT,**

**Year Ending June 30, 1908.**

(This represents expenditures from the General Fund; *i.e.*, of moneys not restricted to special purposes.)

### State appropriations:

Two-cent tax .....	\$274,962.17	
General support .....	100,000.00	
To reimburse income.....	50,657.00	
	<hr/>	\$425,619.17

### Endowment Pool Income:

On Consolidated Perpetual Endowment.....	105,288.14	
On excess payments due United States.....	41.38	
On excess payments on minimum lands.....	71.40	
	<hr/>	105,400.92

### Students' Deposits and Fees (net):

Agriculture .....	61.80	
Bacteriology .....	360.00	
Botany .....	205.00	
Chemistry .....	9,181.02	
Civil Engineering .....	1,836.00	
	<hr/>	
<i>Carried forward</i> .....	\$11,643.82	\$531,020.09

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Brought forward .....	\$11,648.82	\$531,020.09
Histology .....	4.00	
Mineralogy .....	550.00	
Mechanics .....	1,831.25	
Mining .....	2,039.05	
Physiology .....	41.00	
Physics .....	5,005.75	
Zoology .....	391.40	
Zymology .....	31.10	
Appointment Secretary .....	20.00	
Armory Lockers .....	2.00	
Delayed Registrations .....	240.00	
Non-Resident .....	3,215.00	
Seminar .....	104.00	
Special Examinations .....	2,260.00	
Military uniforms--cash discounts and uniforms not called for or billed.....	112.66	
		27,491.03
Bear Gulch Bonds, interest.....		5,000.00
Summer Session 1907:		
Summer Session .....	6,414.00	
Botany .....	15.00	
Chemistry .....	424.20	
Physical Geography .....	60.00	
Gymnasium fees .....	34.00	
Library supplies .....	65.00	
Music .....	29.75	
Physics .....	352.00	
Physiology .....	2.50	
		7,396.45
Agriculture:		
Sale of butter and cheese.....	26.85	
Gas and water.....	12.00	
		38.85
University Extension: Fees.....		3,140.00
Sundry Rents:		
Cottages: Rents, \$2,158.67; less repairs, \$1,130.79 net.	1,027.88	
Berkeley Pasturage: Stutt.....	13.33	
Rooms in Mechanics Building.....	45.00	
Sixth street Cottage, Berkeley.....	36.00	
Potrero avenue lots.....	825.00	
		1,947.21
Medicine: Fees, etc.....		7,543.45
Chemistry:		
Cash for carboys.....	27.00	
Chemicals, etc., for U. S. Geological Survey, etc. ....	305.00	
		332.00
Dairying: Sales of produce.....		4,253.94
Carried forward .....		\$588,163.02

# Receipts—Revenue Account.

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Brought forward .....		\$588,163.02
Library:		
Books sold and replaced.....	7.40	
Library fines .....	74.10	
Refund of freight.....	3.55	
		85.05
Lick Observatory:		
Income on Endowment:		
Endowment Pool .....	4,714.67	
Rent: Morrow .....	80.00	
		4,794.67
Mechanics: Preparing steam turbine.....		10.55
Military Science: Broken gunstocks.....		4.60
Printing Office and Publications:		
Sale of Paper Cutter.....	90.00	
Cash receipts for work done at Printing Office .....	438.40	
Sale of Publications.....	2,030.58	
		2,558.98
Zoology: Sale of Alcohol.....		24.32
Reimbursement for work done, supplies, etc.:		
University Site .....	825.49	
Administration:		
Repairs .....	1,059.95	
Light .....	576.01	
Telephone, etc. ....	285.80	
Salaries (Janitors) .....	108.00	
Writing letters (Appointment Secretary).....	41.10	
Fuel .....	141.55	
Gas and Water.....	241.44	
Sale of Junk.....	103.75	
Sale of Wood.....	58.50	
Stationery .....	.55	
Postage .....	10.54	
Electric Light and Power Dept.....	730.49	
Equipment .....	2.00	
Typewriting .....	10.18	
Copy of Relief Map.....	25.00	
		4,220.35
Portion of excess over book value, derived from sale of Batchelder tract lots .....		119.40
Half cost of repairs to transit.....		40.00
Refunds of amounts paid for assistance in various departments prior to June 30, 1907.....		25.60
		<u>\$600,046.54</u>

**CHARGES—REVENUE ACCOUNT,****Year Ending June 30, 1908.**

(This represents expenditures from the General Fund; *i.e.*, of moneys not restricted to special purposes.)

<b>Agriculture:</b>		
Salaries .....	\$11,007.72	
Current expenses .....	6,338.85	
Forestry .....	1,200.00	
Entomology .....	600.00	
Bacteriology .....	299.90	
Viticulture, Pear and Walnut.....	104.55	
		<u>19,551.02</u>
<b>Anatomy:</b>		
Salaries .....		5,508.31
<b>Architecture:</b>		
Salaries .....	5,319.84	
Expenses .....	940.30	
		<u>6,260.14</u>
<b>Astronomy:</b>		
Salaries .....	5,200.00	
Expenses .....	888.53	
		<u>6,038.53</u>
<b>Botany:</b>		
Salaries .....	3,000.00	
Expenses .....	7,440.00	
		<u>10,440.00</u>
<b>Chemistry:</b>		
Salaries .....	11,899.68	
Expenses .....	12,034.46	
		<u>23,934.14</u>
<b>Civil Engineering:</b>		
Salaries .....	11,259.84	
Expenses .....	1,700.00	
		<u>12,959.84</u>
<b>Dairying:</b>		
Expenses .....		5,114.40
<b>Drawing:</b>		
Salaries .....	4,999.80	
Expenses .....	37.43	
		<u>5,037.23</u>
<i>Carried forward</i> .....		<u>\$94,843.61</u>



# Charges—Revenue Account.

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<i>Brought forward</i> .....		\$94,843.61
Economics:		
Salaries .....	999.96	
Expenses .....	796.29	
		1,796.25
Education:		
Salaries .....	9,299.88	
Expenses .....	263.52	
		9,563.40
English:		
Salaries .....	18,499.80	
Expenses .....	1,770.74	
		20,270.54
Geography:		
Salaries .....	2,499.96	
Expenses .....	300.00	
		2,799.96
Geology and Mineralogy:		
Salaries .....	10,899.84	
Expenses .....	719.79	
		11,619.63
German:		
Salaries .....	12,599.64	
Expenses .....	350.00	
		12,949.64
Greek:		
Salaries .....	8,049.84	
Expenses .....	150.00	
		8,199.84
History and Political Science:		
Salaries .....	19,099.80	
Expenses .....	955.17	
		20,054.97
Hygiene:		
Salaries .....	3,100.02	
Expenses .....	375.00	
		3,475.02
Irrigation:		
Salaries .....	1,950.00	
Expenses .....	199.22	
		2,149.22
Jurisprudence:		
Salaries .....		10,049.76
Latin:		
Salaries .....	12,499.80	
Expenses .....	294.24	
		12,794.04
<i>Carried forward</i> .....		\$210,565.88

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<i>Brought forward</i> .....		\$210,565.88
Library:		
Salaries .....	16,333.00	
Assistance .....	198.50	
Equipment .....	467.90	
Expense .....	511.81	
Binding .....	1,541.67	
Books .....	\$9,665.30	
Less Permanent Improvement Fund.....	5,000.00	
	<hr/>	4,665.30
Periodicals .....	4,618.79	
Freight, Expressage, Insurance, etc. ....	1,045.68	
	<hr/>	29,382.65
Lick Observatory (subject to income from Endowment):		
Salaries .....	21,309.26	
Expenses .....	5,998.84	
	<hr/>	27,308.10
Mathematics:		
Salaries .....	19,419.56	
Expenses .....	581.60	
	<hr/>	20,001.16
Mechanics:		
Salaries .....	11,499.84	
Expenses .....	6,694.31	
	<hr/>	18,194.15
Medicine:		
Expenditures, \$13,039.49, less balance at June 30, 1907, \$909.13		12,130.36
Military Science:		
Salaries .....	799.92	
Expenses .....	1,326.87	
	<hr/>	2,126.79
Mining:		
Salaries .....	7,899.96	
Expenses .....	4,254.56	
	<hr/>	12,154.52
Music:		
Expenses .....		223.60
Oriental Languages:		
Salaries .....	1,190.53	
Expenses .....	45.20	
	<hr/>	1,235.73
Palaeontology:		
Expenses .....		200.00
Pathology:		
Salaries .....		3,600.00
	<hr/>	
<i>Carried forward</i> .....		\$337,122.94

# Charges—Revenue Account.

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<i>Brought forward</i> .....		\$337,122.94
Philosophy:		
Salaries .....	3,683.93	
Expenses .....	1,052.92	
		4,736.85
Physical Culture:		
Salaries .....	4,499.88	
Expenses .....	1,472.49	
		5,972.37
Physiology:		
Salaries .....	9,389.74	
Expenses .....	2,300.00	
		11,689.74
Physics:		
Salaries .....	17,399.40	
Expenses .....	5,000.00	
		22,399.40
Printing Office:		
Salaries .....	1,999.92	
Expenses .....	20,055.69	
		\$22,055.61
Less work done for departments.....	12,073.62	
		9,981.99
(See also cash receipts for work done.)		
Romanic Languages:		
Salaries .....	11,499.84	
Expenses .....	1,852.07	
		13,351.91
Sanskrit:		
Salaries .....		1,200.00
Semitic Languages:		
Salaries .....		1,399.92
Slavic Languages:		
Salaries .....		1,599.96
University Extension in Agriculture:		
Salaries .....		1,800.00
University Extension:		
Salaries .....	2,599.92	
Expenses .....	2,372.88	
Balance of previous years' workings to June 30, 1907....	2,348.82	
		7,321.62
University Site:		
Expenses .....	16,465.82	
Less work done for departments.....	4,491.57	
		11,974.25
(See also cash receipts for reimbursement for labor, etc.)		
Zoology:		
Salaries .....	8,449.92	
Expenses .....	1,565.65	
		10,015.57
<i>Carried forward</i> .....		\$440,566.52

Brought forward .....		\$440,566.52
Administration:		
Salaries .....	53,025.46	
Expenses .....	27,297.73	
Electric Light and Power expenses (excluding \$9,624.73 for construction paid out of Permanent Improvement Fund).....	\$28,583.39	
Less work done for departments, etc.....	10,133.43	
		18,449.96
Repairs: Expenses .....	24,309.87	
Less work done for departments, etc. ....	13,475.06	
		10,834.81
Water .....	4,130.30	
Publications .....	5,362.53	
Equipment .....	2,079.44	
Fuel .....	2,083.92	
Telephone, Telegraph and Expressage.....	2,902.72	
Postage .....	1,645.22	
Auditing .....	1,225.00	
Lectures .....	681.65	
Stationery .....	950.39	
Examination of Schools.....	500.00	
		131,169.13
(See also cash credit for work done, etc.)..		
Short in taking cash.....		6.45
Bancroft Library: Expense.....		952.45
Affiliated Colleges: Repairs.....		387.81
Summer Session of 1907 (see cash receipts).....		12,123.14
Interest on daily balances:		
Amount received from Treasurer.....	1,805.52	
The Endowment Pool is credited with 2% per annum on average daily balance of investment moneys on hand, which amounted to.....	3,876.43	
		2,070.91
This is equivalent to saying that the General Fund has borrowed money from the Investment Fund, paying 2% per annum for it.		
New Dairy Barn and equipment (at Berkeley).....		1,236.28
Rewiring buildings on the Campus .....		3,006.18
Painting buildings on Campus.....		5,803.60
Excess cost of erection of Santa Monica Forestry Station .....		595.30
Miscellaneous .....		183.49
		\$598,101.26

**SUMMARY OF REVENUE ACCOUNT.**

Receipts for 1907-08.....	\$600,046.54
Charges for 1907-08.....	598,101.26
Excess of receipts over charges.....	1,945.28
Balance on hand at June 30, 1907.....	15,155.30
Balance on hand at June 30, 1908.....	\$17,100.58

**SCHEDULES REFERRED TO IN THE BALANCE SHEET FOR  
JUNE 30, 1908.**

**A. REAL ESTATE IN BERKELEY.**

Campus lands .....	\$1,000,000.00
Hearst Hall site and Hearst Cottage site.....	7,000.00
Hillegass Tract .....	194,991.04
Palmer House site.....	17,500.00
	<hr/>
	\$1,219,491.04
	<hr/>

**B. BUILDINGS AND IMPROVEMENTS IN BERKELEY.**

*In active use for University purposes:*

Acid House .....	\$480.00
Agricultural Building .....	7,200.00
Agricultural Hall (plans for a new building).....	82.70
Anatomical Laboratory and Printing Office.....	6,400.00
Architectural Building .....	7,589.71
Bacteriological Laboratory .....	480.00
Barns .....	2,000.00
Botany Building .....	5,600.00
California Field (improvements on football grounds).....	20,000.00
California Hall .....	268,409.37
Cement sidewalks .....	596.25
Chemistry Building .....	81,000.00
Cinder Path (or old athletic track).....	1,000.00
Civil Engineering Hall.....	36,000.00
Civil Engineering Laboratory.....	2,400.00
Conservatory .....	10,800.00
Dairy Barn .....	2,400.00
Doe Library (expended to June 30, 1908).....	59,494.82
East Hall .....	16,000.00
Electric Construction on Campus.....	8,533.59
Entomological Laboratory .....	2,569.99
Faculty Club .....	12,000.00
Fertilizer Control Laboratory (expenditures to June 30, 1908).....	2,472.12
Greek Theatre .....	45,000.00
Harmon Gymnasium .....	50,181.89
Hearst Hall .....	35,978.30
Hearst Memorial Mining Building.....	588,000.00
Heating System .....	22,086.76
Hygiene and Pathology Laboratory (expenditures to June 30, 1908).....	2.40
Landscape Gardening .....	2,758.60
Library Building .....	55,515.74
Mechanics Building .....	61,025.00
Meyer House (Student Infirmary).....	5,000.00
Milk House (expenditures to June 30, 1908).....	1,236.28
	<hr/>

*Carried forward* ..... \$1,420,293.52

<i>Brought forward</i> .....	\$1,420,293.52
John Mitchell Monument.....	358.95
Museum Building .....	3,667.77
New Roads .....	13,585.59
North Hall .....	20,000.00
Philosophy Building .....	8,000.00
Plant Houses .....	800.00
Power, Light, and Heat Plant.....	59,866.82
President's House .....	66,167.76
Senior Hall .....	3,790.89
Shops .....	1,200.00
South Hall .....	126,000.00
Rudolph Spreckels Temporary Physiological Laboratory.....	25,000.00
Storehouse .....	635.53
Students' Observatory .....	8,000.00
Tennis Courts (expenditures to June 30, 1908).....	101.37
Trunk Sewer .....	6,356.10
Viticultural Laboratory .....	400.00
Zoology, California Museum of Vertebrate: Expenditures to June 30, 1908 .....	28.17

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\$1,764,252.47

*Not in active use for University purposes:*

Hearst Cottage .....	2,750.00
Palmer House .....	2,500.00
University Cottages .....	9,600.00
	<hr/>
	14,850.00
	<hr/>
	\$1,779,102.47
	<hr/>

C. REAL ESTATE AND IMPROVEMENTS NOT IN BERKELEY.

*Utilized for University purposes:*

<i>San Francisco:</i>			
Affiliated Colleges .....	\$403,460.48		
San Francisco Institute of Art.....	235,150.00		
<i>Wilmerding School:</i>			
New building .....	\$31,793.12		
Old building .....	24,906.46		
Real estate .....	54,976.12		
	<hr/>	111,675.70	750,286.18
<i>Lick Observatory:</i>			
Lands, buildings and equipment.....	610,000.00		
Holden Tract .....	511.25		
Cook Tract .....	960.00		
Duckworth Tract .....	317.67		
Electric Light and Power Plant.....	11,606.23		
Photographic Vault .....	9,836.85		
Barn .....	1,254.95		
	<hr/>		634,486.95
			<hr/>
<i>Carried forward</i> .....			\$1,384,773.13



# Balance Sheet Schedules.

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<i>Brought forward</i> .....		\$1,384,773.13
Pacific Grove:		
Real estate of seaside laboratory.....		2,500.00
Davis:		
University Farm .....		185,467.23
Southern California Pathological Laboratory:		
Buildings at Riverside.....	4,000.00	
Buildings at Whittier.....	7,856.36	
		<u>11,856.36</u>
		\$1,584,596.72
<i>Other real estate:</i>		
Congressional Lands. (These are lands still on hand from the original grant of 150,000 acres; all have once been sold but these have come back to the University by foreclosure or cancellation of contracts)....	11,818.27	
Potrero Avenue Lots, originally bought for the Medical Department .....	8,250.00	
		<u>20,068.27</u>
		<u>\$1,604,664.99</u>

## D. INVESTMENTS.

### *Bills Receivable, Bonds, Stocks, and Real Estate.*

Bills Receivable:		
Mortgage loans .....	\$1,758,500.00	
Collateral loans .....	325,000.00	
Loans from the Class of 1886 Loan Fund.....	1,557.20	
Loans from the Class of 1903 Loan Fund.....	905.00	
Loans from the Walton Memorial Loan Fund.....	885.57	
Loans from the Class of 1905 Fund.....	500.00	
		<u>\$2,087,347.77</u>
Bonds:		
Bear Gulch Water Company.....	164,000.00	
Montgomery Avenue Bonds (par value, \$22,000)....	1.00	
State Treasurer .....	751,000.00	
State Treasurer: Diverted Funds.....	79,750.00	
Pacific Gas and Electric Company.....	1,600.00	
		<u>996,351.00</u>
Stocks:		
E. I. Du Pont de Nemours Powder Co.....	5,200.00	
San Francisco National Bank.....	12,500.00	
Weinstock-Lubin Real Estate Co.....	5,000.00	
Fireman's Fund Insurance Co.....	15,000.00	
Sather Banking Company and San Francisco National Bank .....	16,000.00	
Mackay Companies .....	50,000.00	
Kennedy Mining and Milling Co.....	6,000.00	
		<u>109,700.00</u>
<i>Carried forward</i> .....		\$3,193,398.77

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Brought forward .....		\$3,193,398.77
Real Estate and Improvements:		
Real estate in North Berkeley .....	1,628.05	
Real estate in West Berkeley .....	600.00	
Real estate in Escondido .....	3,400.00	
Real estate in Menlo .....	24,250.00	
Real estate in Oakland .....	38,866.00	
Real estate in Oceanside .....	1,800.00	
Real estate in Redlands .....	5,800.00	
Real estate in San Francisco:		
Johnson Building site.....	\$400,000.00	
Sacramento Building site.....	200,000.00	
Johnson Building reconstruction..	448.10	
Sacramento Building reconstruction .....	10,147.11	
	<u>610,595.21</u>	
		<u>686,939.26</u>
		<u>\$3,880,338.03</u>

E. DEPARTMENTAL ACCOUNTS AND OTHER EXPENDITURES  
CARRIED FORWARD TO YEAR 1908-09.

Agriculture: Entomology .....	\$101.92	
Agriculture: Forestry .....	84.79	
Botany .....	119.40	
Civil Engineering .....	815.14	
Geography .....	39.80	
Geology and Mineralogy.....	14.75	
German .....	1.93	
Greek .....	26.62	
Palaeontology .....	34.18	
Physiology .....	68.50	
Physics .....	90.38	
Zoology .....	39.52	
State appropriation:		
Farmers' Institutes .....	394.33	
Southern California Pathological Laboratory.....	.55	
Cereal Investigation .....	864.53	
Summer Session: Civil Engineering.....	474.35	
Agricultural Experiment Station: Sales Fund.....	1,737.89	
Southern California Pathological Laboratory: Sales Fund...	1,570.63	
New Carpenter Shop.....	1,491.20	
Water Main: Euclid avenue to Library.....	732.07	
		<u>\$8,702.48</u>
Student Infirmary: Excess of expenditures for building alterations, equipment, and maintenance over receipts to date .....		5,449.58
		<u>\$14,152.06</u>

F. AMOUNTS DUE FROM THE STATE OF CALIFORNIA UNDER  
PRESIDENT'S OFFICE.  
VARIOUS APPROPRIATIONS.

University Farm .....	\$32,095.94
Chair of Music.....	500.00
Southern California Pathological Laboratory.....	151.36
Poultry Experiment Station.....	194.29
Two-cent Tax .....	114,429.25
	<hr/>
	\$147,370.84
	<hr/>

G. SUNDRY DEBTORS.

Miscellaneous .....	\$17,144.24
Rents accrued .....	1,080.85
Mortgage interest accrued.....	15,225.93
	<hr/>
	\$33,451.02
	<hr/>

H. SUSPENSE ACCOUNTS.

Turner Mortgage .....	\$47,000.00
Mortgages on Colin properties redeemed.....	700.00
Amounts expended on Colin properties in excess of receipts to date, ultimately to be made good by income to be derived from these properties	185.14
Excess of expenditures over amounts provided under State appropriations, as follows:	
Lick Observatory Power Plant.....	\$806.23
Affiliated Colleges: earthquake damage.....	3,172.12
Dental Department: earthquake damage.....	3,356.42
	<hr/>
	7,334.77
	<hr/>
	\$55,219.91
	<hr/>

I. ENDOWMENT FUND ACCOUNTS.

	Income for 1907-08	Balance June 30, 1908
Alumni Association: Life Membership Fund.....	\$52.34	\$1,883.27
Alumni Hall Fund (to build a student club-house).....	281.78	6,376.66
Class of 1874 Library Fund.....	2.77	52.91
Class of 1886 Loan Fund.....	125.24	3,638.88
Class of 1897 Library Fund.....	5.51	105.08
Class of 1900 Library Fund.....	7.86	150.00
Class of 1902 Library Fund.....	6.55	125.00
Class of 1903 Loan Fund.....	24.08	929.19
	<hr/>	<hr/>
Carried forward .....	\$506.13	\$13,260.99

Brought forward .....	\$506.13	\$13,260.99
Class of 1905 Fund.....		500.00
Class of 1907 Permanent Endowment Fund.....	13.52	650.00
Class of 1908 Fund.....	1.26	200.00
P. Charles Cole Scholarship Fund.....	88.25	1,751.46
Thérèse F. Colin European Fellowship Fund.....	135.07	11,000.00
Consolidated Perpetual Endowment Fund.....	110,288.14	2,060,287.03
E. A. Denicke Library Fund.....	52.37	1,000.00
Doe Library Fund (subject to expenditures for building)	32,534.51	649,723.38
*Excess payments due the United States.....	41.88	790.00
*Excess payments on minimum lands.....	71.40	1,363.15
Cora Jane Flood Endowment Fund (for the College of Commerce) .....	21,247.08	318,803.92
James M. Goewey Scholarship Fund.....	236.21	4,510.00
Charles M. Hitchcock Endowment Fund (for lectures)....	522.09	10,000.00
Cornelius B. Houghton Scholarship Fund.....	157.13	3,000.00
Jucksch donation .....	36.00	600.00
LeConte Memorial Fellowship Fund.....	525.13	10,026.47
Lick Observatory Fund.....	4,794.67	90,018.16
John W. Mackay Jr. Endowment Fund.....	5,434.72	100,000.00
Medal Loan Fund.....	.74	269.12
Men's Dormitory Fund.....	3.61	305.66
D. O. Mills Endowment Fund.....	8,015.95	153,050.08
Paget Scholarship Fund.....	149.74	2,858.94
Philo Sherman Bennett Prize Fund (for an essay on the principles of free government).....	20.95	400.00
Frank M. Pixley Scholarship Fund.....	186.62	3,563.22
Prytanean Hospital Fund.....	19.88	269.83
Michael Reese Library Fund.....	2,618.72	50,000.00
Richardson Latin Translation Prize Fund.....		1,600.00
Hermann Royer Endowment Fund (for Political Econ- omy) .....	151.56	3,008.07
Jane K. Sather Chair Fund.....	1,391.49	36,305.00
Jane K. Sather Law Library Fund.....	842.60	24,122.35
Jane K. Sather Library Fund.....	523.75	10,000.00
Edward Tompkins Endowment Fund (for the Agassiz Chair of Oriental Languages).....	2,829.47	87,672.45
University Medal Fund.....	204.05	3,896.00
Veltin Endowment Fund (for the Student Infirmary).....	41.90	800.00
Frank J. Walton Memorial Loan Fund.....	211.21	4,700.22
Barbara Weinstock Lectureship Fund.....	325.00	5,000.00
Whiting Fund (for investigations, etc. in Physics).....	1,178.43	22,500.00
J. Clute Wilmerding Endowment Fund (for the Wil- merding Trades School).....	27,830.61	434,000.00
	<u>\$223,231.34</u>	<u>\$4,121,805.50</u>

\* These are really contingent liabilities rather than fund accounts. They are treated as fund accounts because they are invested and the income is used for general University purposes.

J. BALANCES ON HAND IN FUND INTEREST ACCOUNTS, WHICH ARE  
USED FOR SPECIFIC PURPOSES.

Class of 1874 Library Fund.....	\$3.64
Class of 1897 Library Fund.....	8.15
Class of 1900 Library Fund.....	23.00
Class of 1902 Library Fund.....	11.84
Class of 1907 Permanent Endowment Fund: for purchase of books.....	10.40
Class of 1907 Permanent Endowment Fund: for use of Permanent Secretary of Class.....	3.12
Class of 1908 Fund.....	1.26
E. A. Denicke Library Fund.....	169.46
James M. Goewey Scholarship Fund.....	245.84
Charles M. Hitchcock Endowment Fund.....	460.42
Cornelius B. Houghton Scholarship Fund.....	222.39
Jucksch Endowment Fund.....	36.00
John W. Mackay, Jr., Endowment Fund.....	3,712.55
Paget Scholarship Fund.....	51.79
Frank M. Pixley Scholarship Fund.....	5.75
Philo Sherman Bennett Prize Fund.....	56.03
Michael Reese Library Fund.....	17.67
Jane K. Sather Library Fund.....	357.66
University Medal Fund.....	582.54
Veltin Endowment Fund.....	52.13
Barbara Weinstock Lectureship Fund.....	1,021.75
Whiting Fund.....	2,045.08
J. Clute Wilmerding Endowment Fund.....	11,256.92
	<hr/>
	\$20,355.39

## K. BALANCES ON HAND IN DONATION ACCOUNTS.

Agassiz donation.....	\$154.71
Belladonna Research, donation for.....	75.00
Belcher donation for books.....	44.57
Bonnheim Prize.....	60.00
Carnegie Institution, donation for Lick Observatory.....	3,753.98
Choral Society.....	153.19
Ethel W. Crocker donation for Mexican Archaeological Research.....	1,017.66
Ethel W. Crocker donation for Physiological books.....	584.03
William H. Crocker donation for Eclipse Expedition.....	55.06
Donation to Library.....	.69
Emanu-El donation to Library.....	2.95
French Library donation for books.....	1.50
German Library donation for books.....	74.35
Graduate Scholarship: A. Knopf.....	250.00
Greek Theatre, donations for chairs.....	292.66
Martha C. Hallidie donation for books.....	63.66
Mrs. Hearst donation for Scholarships.....	1,200.00
Dr. M. Herzstein donation for Physiological Laboratory.....	775.76
	<hr/>

Carried forward ..... \$8,559.77



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<i>Brought forward</i> .....	\$8,559.77
Lick Observatory: donation for Keeler Memorial Volume.....	682.59
Lick Observatory: donation for publication of E. E. Barnard's photographs .....	2,225.00
J. A. Mayer donation for fertilizer experiments .....	.59
Duncan McDuffie donation for books.....	17.48
D. O. Mills donation to Lick Observatory for Southern Hemisphere Expedition .....	1,064.28
San Jose High School Scholarship.....	125.00
Spinello Library donation.....	46.91
Claus Spreckels donation for books.....	2,024.55
Levi Strauss Scholarship.....	62.50
Student Infirmary, donation for.....	620.00
Wollenberg Scholarship .....	125.00
	<hr/>
	\$15,553.67

## L. BALANCES ON HAND TO BE USED FOR SPECIFIC PURPOSES.

Anthropology .....	\$432.36
Dentistry .....	7,300.77
Gymnasium Fees .....	4,876.40
Library Exchange .....	8.00
Fertilizer Control .....	7,468.20
Poultry Experiment Station: Sales Fund.....	58.43
University Farm: Sales Fund.....	7,196.19
Academy of Pacific Coast History.....	843.75
Sale of a brief account of Lick Observatory.....	501.46
Sale of Miss Shinn's Pamphlet.....	3.60
Sale of Tebtunis Papyri.....	475.92
University Hospital .....	963.11
	<hr/>
	\$30,128.19
State appropriation: Affiliated Colleges, improvement of grounds.....	686.15
*Summer Session Fees:	
Summer Session .....	\$6,825.55
Physical Geography .....	50.00
Manual Training .....	38.50
	<hr/>
	6,914.05
	<hr/>
	\$37,728.39

## M. SUNDRY CREDITORS.

Sundry Vouchers (bills approved for payment).....	\$42,253.13
Treasurer's Advances (bills already paid by Treasurer's advance checks)....	28,483.59
Mrs. Jane K. Sather:	
Sather Chair Fund Interest.....	\$328.23
Sather Law Library Fund Interest.....	308.65
	<hr/>
	636.88
Deposits on Plans.....	55.00
Certified checks accompanying bids, returnable to contractors.....	1,400.00
	<hr/>
<i>Carried forward</i> .....	\$72,828.60

\* In addition to these certain fees will be retained from Chemistry and Physics.



# Balance Sheet Schedules.

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<i>Brought forward</i> .....	\$72,828.60
Students' Deposits:	
Agriculture .....	\$52.25
Botany .....	3.75
*Chemistry .....	2,294.71
Civil Engineering .....	49.00
Dairy .....	17.00
Diplomas .....	4,182.10
Key Rental .....	2.00
Library .....	520.00
Mechanics .....	248.00
Mineralogy .....	3.00
Mining .....	198.24
*Physics .....	1,145.25
Physiology .....	12.50
Zoology .....	111.75
Summer Session: Civil Engineering Commissary account.....	1,287.96
Zymology .....	21.40
	<hr/> 10,148.91
	<hr/> \$82,977.51
	<hr/> <hr/>

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\* Some portion of these will ultimately be credited to Summer Session.

## UNIVERSITY OF CALIFORNIA—BALANCE SHEET, JUNE 30, 1908.

## ASSETS.

Real Estate and Improvements:  
 A.—Real estate in Berkeley..... \$1,219,491.04  
 B.—Buildings and improvements  
 in Berkeley..... 1,779,102.47  
 C.—Real estate and improvements  
 not in Berkeley..... 1,604,664.99

D.—Investments:  
 Bills Receivable..... 2,087,347.77  
 Bonds..... 996,351.00  
 Stocks..... 109,700.00  
 Real estate and improvements  
 held as investments..... 686,939.26

E.—Departmental accounts and other expendi-  
 tures carried forward as a charge against  
 1908-09.....

F.—Amounts due from the State of California  
 under various appropriations.....  
 Permanent Improvement Fund (expenditures  
 carried forward as a charge against the  
 Permanent Improvement Fund for 1908-09)

G.—Sundry debtors.....  
 H.—Suspense accounts.....  
 Losses in investments: Montgomery Avenue  
 bonds.....  
 W. A. McKowen Defalcation.....  
 Equipment: General..... \$1,231,270.97  
 Bancroft Library..... 250,005.00

Cash: I. W. Hellman, Jr., Treas-  
 urer..... 24,390.24  
 Contingent funds..... 6,650.00  
 Certified check (accompanying  
 bid)..... 1,400.00  
 Wells, Fargo, & Co., deposit  
 account..... 200.00

32,640.24  
\$10,347,091.33

## LIABILITIES.

University of California (representing Univer-  
 sity property in general other than that held  
 for investment purposes).....

I.—Endowment fund accounts..... \$5,988,701.95  
 J.—Fund interest accounts: Balances on hand of  
 the income of endowments..... 4,121,805.50

K.—Donation accounts: Unexpended balances of  
 donations..... 20,355.39

L.—Balances on hand restricted to use for  
 specific purposes..... 15,553.67

M.—Sundry creditors..... 37,728.39

Suspense account: Chemistry equipment..... 82,977.51  
 Losses and gains in Endowment Pool investments  
 (increase in the valuation of properties in  
 which Endowment Pool moneys have been  
 invested)..... 916.22

Revenue (surplus in general fund June 30, 1908)

61,952.12  
 17,100.58

\$10,347,091.33

I have examined the foregoing Balance Sheet of the University of California for the year ending June 30, 1908, together with the accompanying statements of Receipts and charges; also the books and vouchers of the University and the securities in the hands of the Treasurer, all of which have been found to be correct.

ALLEN KNIGHT,

Certified Public Accountant, San Francisco.

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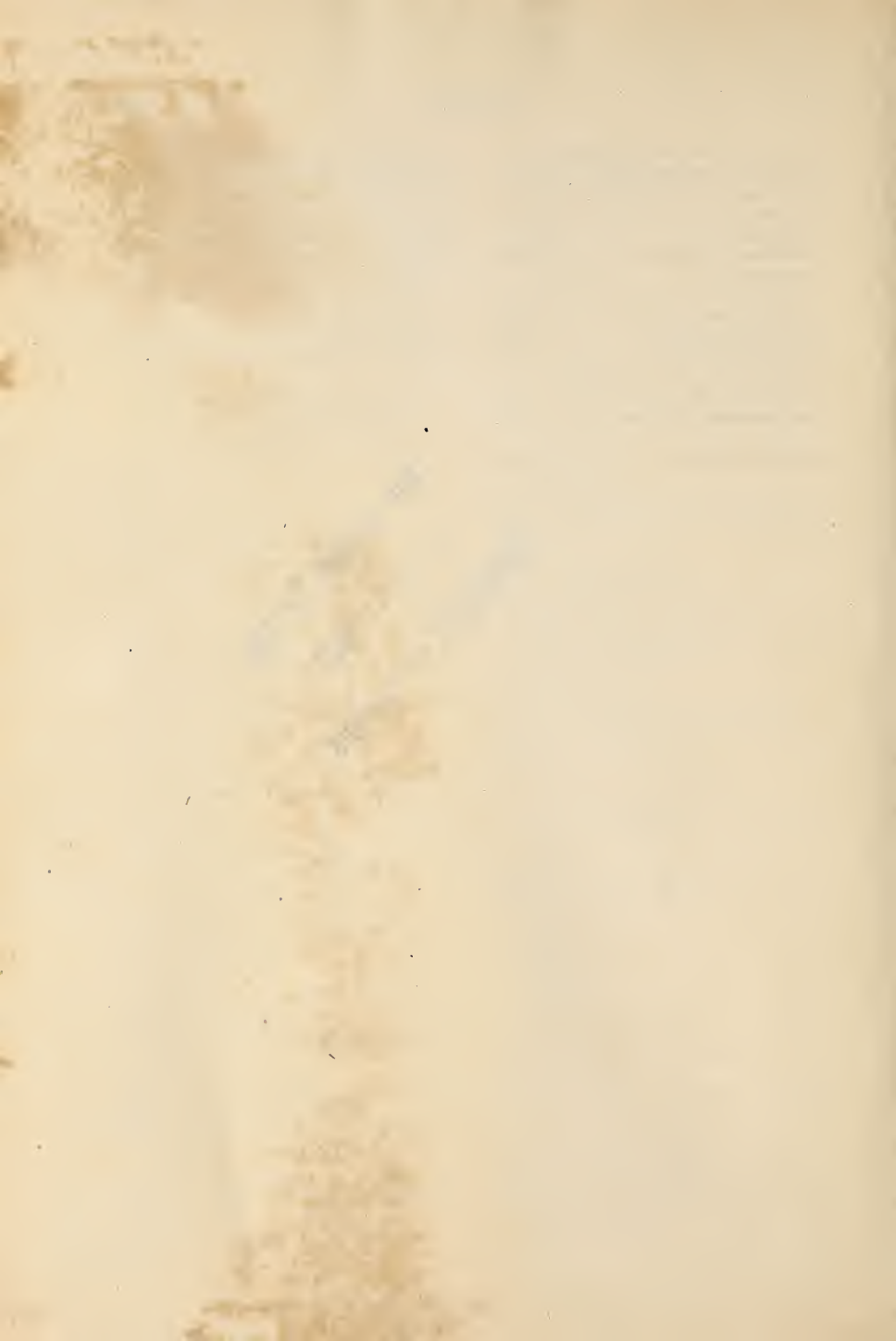


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THE LIBRARY OF THE  
JUN 2 1931  
UNIVERSITY OF ILLINOIS













KEY TO THE PHOEBE A. HEARST ARCHITECTURAL PLAN

BUILDING NUMBER	BUILDING NUMBER
1-7 DORMITORIES	27 HEARST MEMORIAL MINING BUILDING
8 AUDITORIUM	28-30 ENGINEERING GROUP
9-13 NATURAL SCIENCE GROUP	31 MUSEUM
14 AUDITORIUM	32 FINE ARTS
15 PHILOSOPHY (OR LAW)	33 PRESIDENT'S HOUSE
16 LAW	34-39 AGRICULTURAL GROUP
17 CALIFORNIA HALL	40-42 DORMITORIES
18 LIBRARY	43 MILITARY
19 LIBRARY ANNEX	44 CONGRESS
20 HISTORY AND ECONOMICS	45-48 DORMITORIES
21 LANGUAGES	49-50 POWER PLANT
22 TOWER	51 MEN'S GYMNASIUM
23 MATHEMATICS	52 BASKETBALL FIELD
24 PHYSICS AND CHEMISTRY	53 TENNIS COURTS
25 GREEK THEATRE	54 CALIFORNIA FIELD (ATHLETICS)
26 CONCOURSE (OR AUDITORIUM)	55 WOMEN'S GYMNASIUM

UNIVERSITY OF CALIFORNIA  
BERKELEY, JULY 15, 1906

PHOEBE A HEARST  
ARCHITECTURAL PLAN

GROUNDS AND BUILDINGS  
OF THE  
UNIVERSITY OF CALIFORNIA  
BERKELEY  
ALAMEDA COUNTY  
CALIFORNIA

1906

JOHN CALLEN HOWARD  
SUPERVISING ARCHITECT

Scale: 1" = 100' or 100'

Scale: 1" = 100' or 100'





UNIVERSITY OF ILLINOIS-URBANA



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